

A Report of Findings for the
ON-SITE SURVEY OF RECREATION USERS
and
TELEPHONE SURVEY OF AREA RESIDENTS
for
Folsom Lake State Recreation Area
2003

Prepared for

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by

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Introduction

Study Development

Dr. James E. Fletcher was contracted by WRT Design to develop and conduct an on-site survey of recreation users at Folsom Lake State Recreation Area (FSLRA) including Lake Natoma and a random digit dial telephone survey of 400 adult residents in the primary market area for FLSRA.

On-Site Survey

During April and early May 2003, Dr. Fletcher worked with Kevin Harper of WRT Design and Jim Micheaels, State Park Planner for the Gold Field District, to develop a draft questionnaire for the on-site survey. Many of the questions were designed to replicate data collected by Dr. Fletcher in the statewide survey of Californians being completed for the Planning Department of the California Department of Parks and Recreation. This permitted data collected at Folsom Lake State Recreation Area to be compared with data collected for the entire state. After review and discussion by WRT personnel and Folsom Lake SRA representatives, Dr. Fletcher revised the on-site questionnaire to incorporate recommended changes, then finalized the questionnaire and sent it to WRT Design for copying (see Appendix A).

On May 18, 2003, Dr. Fletcher met with Jim Micheaels, Park Planner, and Scott Nakaji, Chief Ranger for the Gold Fields District, to develop a preliminary sampling schedule for the May data collection period. The schedule was reviewed by Jim Micheaels and revised by Dr. Fletcher per Mr. Micheaels' suggestions. Dr. Fletcher also toured each of the recreation areas to be surveyed with Jim Micheaels.

From May 22 through May 28, self-administered questionnaires were distributed to recreation users in the recreation areas at Folsom Lake State Recreation Area including Lake Natoma. A total of 547 completed questionnaires was returned by recreation users during this one week survey period.

In late June, Dr. Fletcher consulted with Kevin Harper and Jim Micheaels to develop a second survey schedule for the week of July 4th. During the period from July 3 through July 9, self-administered questionnaires were again distributed to recreation users in the recreation areas at Folsom Lake State Recreation Area including Lake Natoma. A total of 490 completed questionnaires was returned by on-site recreation users during

this survey period.

The late season survey period was conducted from September 24th through September 30th. Recreation use at the sites was much lower than during the May and July data collection periods. A total of 272 completed questionnaires were collected during this period. Table 1 summarizes the number of completed questionnaires by park area for the three data collection periods.

Telephone Survey

The primary market area for a recreation site is generally defined as the area from which 70-75% of its visitors will originate. A review of zip code data from the on-site survey revealed that more than 70% of the recreation users surveyed at Folsom Lake State Recreation Area originated in Sacramento, El Dorado, and Placer counties. Based on this data, Dr. Fletcher, WRT Design, and Jim Micheaels agreed that the telephone survey should be conducted in these three counties.

During September and October 2003, Dr. Fletcher worked with Kevin Harper and Jim Micheaels to design, revise and finalize the telephone questionnaire. The telephone questionnaire was designed to replicate many of the questions included in the on-site survey. This made possible a comparison of the characteristics and opinions of on-site users with those of primary market area residents. The telephone questionnaire segmented respondents into three groups:

- 1) Those who have not participated in water-based recreation in the five years prior to the survey;
- 2) Those who have participated in water-based recreation during the past five years but have never visited Folsom Lake State Recreation Area; and,
- 3) Those who have participated in water-based recreation during the past five years and have visited Folsom Lake State Recreation Area.

The telephone questionnaire (Appendix B) was designed to ask relevant sets of questions of each group.

- Telephone survey respondents in the first group only answered the initial screening questions about outdoor recreation participation and the demographic questions so that they could be compared with members of the other two groups.

- The second group answered the initial screening questions about outdoor recreation, questions about their favorite water-based recreation area and the water area where they most often participate, a series of questions regarding possible barriers to visiting Folsom Lake State Recreation Area, questions about outdoor recreation participation during the past 12 months, and demographic questions.
- The third group (those who had visited Folsom Lake State Recreation Area) answered the initial screener questions, questions about their favorite water-based recreation area and the water area where they most often participate, questions about their visits to Folsom Lake State Recreation Area, opinions about the adequacy of facilities and services at FLSRA, questions about outdoor recreation participation during the past 12 months, and demographic questions.

A random sample of telephone numbers for Sacramento, El Dorado and Placer counties was purchased from Survey Sampling, Inc. of Fairfield, Connecticut. Data collection was begun on November 1, 2003 and completed on January 15, 2004. During that period, a total of 1,456 telephone numbers were called up to seven (7) times each in attempts to make contact with eligible survey respondents. Calling times included daytime hours during weekdays, evening hours during weekdays, daytime hours on weekends, and evening hours on weekends. As shown in Table 2, 36.1% (525) of the telephone numbers contacted during the survey period had eligible respondents (adults age 18 and over who spoke English). Of those 525 eligibles reached, 400 completed interviews, a cooperation rate of 76.2%. Cooperation rate was computed by dividing the number of completed interviews (400) by the total number of eligible respondents (525).

The following is a discussion of findings from both the on-site and the telephone surveys. Comparisons of findings have been included for those questions that were asked on both surveys.

Table 1. Park areas where surveys of on-site recreation users at Folsom Lake State Recreation Area were conducted in May, July and September 2003.

Park Area	Number	Percent
Beals Point Campground	100	7.6%
Beals Point Day Use	99	7.6%
Brown's Ravine	19	1.5%
Folsom Lake Marina	102	7.8%
Folsom Point Day Use Area & Boat Launch	83	6.4%
Folsom Powerhouse State Historic Park	10	.8%
Granite Bay Beach & Boat Launch	101	7.7%
Nimbus Flat	101	7.7%
Negro Bar	100	7.6%
Beek's Bight	104	8.0%
Old Salmon Falls	36	2.8%
Peninsula Campground	80	6.1%
Rattlesnake Bar	44	3.4%
Skunk Hollow	89	6.8%
Salmon Falls	45	3.4%
Darrington Trail	52	4.0%
Willow Creek	95	7.3%
Mormon Cove	48	3.7%
TOTAL	1308	100.2%*

* Exceeds 100.0% due to rounding error.

Table 2. Calling outcomes for the telephone survey of residents in Sacramento, El Dorado and Placer counties regarding Folsom Lake State Recreation Area.

Calling Outcome	Number	Percent
Completed Interviews	400	27.5%
Refusals	125	8.6%
Total Eligible	525	36.1%
Language Barrier (did not speak English)	72	5.0%
Businesses/Fax Machines	859	59.0%
Total Contacts	1,456	100.1%*

*Exceeds 100.0% due to rounding error.

Findings

Demographics of the Sample

Respondents to the on-site and the telephone surveys were asked several demographic questions. These included gender, highest level of education completed, birth year, racial or ethnic background, annual household income, home zip code, and group composition. The following is a summary of the demographic characteristics of the 1,308 on-site survey respondents.

- Of the 976 survey respondents who reported their gender, 49.7% were male and 50.3% were female (Table 3).
- A total of 53.2% held a bachelor's degree or higher (Table 4).
- Birth years ranged from 1909 to 1986 with 1961 as the median (middle) birth year for the entire sample of recreation users (Table 5).
- About three-fourths (74.8%) of the recreation users who reported their ethnicity said they were white. Asians (7.0%) were the second largest ethnic group (Table 6).
- The median annual household income range reported by recreation users was \$75,000 - \$99,999 (Table 7).
- As shown in the table in Appendix C, most (87.3%) of the recreation users surveyed at Folsom Lake State Recreation Area gave a home zip code with 95 as the first two digits. Another 7.2% gave a 94 zip code, and 1.8% gave an out-of-state zip code. The remaining 3.7% gave zip codes with 90, 91, 92 or 93 as the first two digits.
- Most (80.8%) of the recreation users said they were recreating with friends and/or family, and 8.4% said they were with an organized group (Table 8). Some recreation users listed more than one group type. This question was not asked on the September questionnaire.

The following is a summary of the demographic characteristics of the 400 telephone survey respondents.

- Of the 400, 37.1% were male and 62.9% were female (Table 3).
- A total of 43.2% held a bachelor's degree or higher (Table 4).
- Birth years ranged from 1909 to 1985 (Table 5).
- About three-fourths (74.9%) of the respondents said they were white (Table 6).
- The median household income range was \$62,500 to \$87,500 (Table 7).

- Most (87.0%) said they recreate with friends and/or family (Table 8).
- The average household size was three persons (Table 9).
- A total of 39.9% of the households reported having one or more residents younger than 18 years of age (Table 10).

Table 3. Gender of on-site recreation users and telephone survey respondents who were surveyed for the Folsom Lake State Recreation Area including Lake Natoma - 2003.

Gender	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
Male	616	49.7%	148	37.1%
Female	623	50.3%	251	62.9%
Total	1239	100.0%	399	100.0%

Table 4. Education levels of on-site recreation users and telephone survey respondents who were surveyed for the Folsom Lake State Recreation Area including Lake Natoma - 2003.

Highest Education Level Completed	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
Did not graduate high school	16	1.3%	17	4.3%
High school graduate	134	10.8%	121	30.4%
Some college but no degree	301	24.3%	107	26.9%
Associate degree	129	10.4%	17	4.3%
Bachelor's degree	364	29.4%	96	24.1%
Master's degree	181	14.6%	23	5.8%
Professional degree	53	4.3%	6	1.5%
Doctorate degree	61	4.9%	11	2.8%
Total	1239	100.0%	398	100.0%

Table 5. Years of birth of on-site recreation users and telephone survey respondents who were surveyed for the Folsom Lake State Recreation Area including Lake Natoma - 2003.

Year of Birth	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
1909	1	.1%	0	.0%
1912	0	.0%	1	.3%
1915	0	.0%	1	.3%
1916	0	.0%	2	.5%
1917	0	.0%	1	.3%
1919	0	.0%	4	1.0%
1920	2	.2%	5	1.3%
1921	1	.1%	2	.5%
1922	1	.1%	5	1.3%
1923	5	.4%	3	.8%
1924	2	.2%	4	1.0%
1925	0	.0%	5	1.3%
1926	2	.2%	4	1.0%
1927	1	.1%	7	1.8%
1928	1	.1%	1	.3%
1929	4	.3%	4	1.0%
1930	5	.4%	4	1.0%
1931	2	.2%	1	.3%
1932	4	.3%	5	1.5%
1933	5	.4%	5	1.3%
1934	3	.3%	6	1.5%
1935	7	.6%	3	.8%
1936	3	.3%	4	1.0%
1937	6	.5%	7	1.8%
1938	6	.5%	6	1.5%
1939	3	.3%	7	1.8%
1940	7	.6%	7	1.8%
1941	8	.7%	4	1.0%
1942	12	1.0%	7	1.8%
1943	12	1.0%	6	1.5%
1944	7	.6%	5	1.3%
1945	13	1.1%	8	2.0%
1946	20	1.7%	6	1.5%
1947	21	1.8%	13	3.3%
1948	25	2.2%	3	.8%
1949	15	1.3%	7	1.8%
1950	23	2.0%	4	1.0%
1951	30	2.6%	9	2.3%

Table 5. (cont'd.)

Year of Birth	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
1952	26	2.3%	6	1.5%
1953	31	2.7%	11	2.8%
1954	29	2.5%	7	1.8%
1955	21	1.8%	10	2.5%
1956	41	3.5%	4	1.0%
1957	34	2.9%	14	3.5%
1958	47	4.1%	6	1.5%
1959	32	2.8%	11	2.8%
1960	44	3.8%	14	3.5%
1961	24	2.1%	6	1.5%
1962	32	2.8%	6	1.5%
1963	34	2.9%	7	1.8%
1964	42	3.6%	2	.5%
1965	39	3.4%	5	1.3%
1966	39	3.4%	6	1.5%
1967	33	2.9%	7	1.8%
1968	17	1.5%	6	1.5%
1969	25	2.2%	6	1.5%
1970	34	2.9%	11	2.8%
1971	27	2.3%	6	1.5%
1972	23	2.0%	5	1.3%
1973	30	2.6%	7	1.8%
1974	22	1.9%	4	1.0%
1975	24	2.1%	5	1.3%
1976	22	1.9%	2	.5%
1977	17	1.5%	7	1.8%
1978	7	.6%	4	1.0%
1979	13	1.1%	8	2.0%
1980	13	1.1%	3	.8%
1981	13	1.1%	5	1.3%
1982	8	.7%	2	.5%
1983	16	1.4%	4	1.0%
1984	18	1.6%	6	1.5%
1985	13	1.1%	7	1.8%
1986	8	.7%	0	.0%
Total	1155	100.0%	397	100.0%

Median Birth Year for On-Site Recreation Users= 1961

Median Birth Year for Phone Survey Respondents = 1954

Table 6. Racial or ethnic backgrounds of on-site recreation users and telephone survey respondents who were surveyed for the Folsom Lake State Recreation Area including Lake Natoma - 2003.

Racial or Ethnic Background	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
Hispanic or Latino of Mexican descent	65	5.4%	21	5.4%
Other Hispanic or Latino	10	0.8%	1	0.3%
White	895	74.8%	292	74.9%
Black or African American	18	1.5%	29	7.4%
Asian	84	7.0%	13	3.3%
Native Hawaiian or other Pacific Islander	21	1.8%	12	3.1%
American Indian or Alaska Native	19	1.6%	6	1.5%
Some other race	13	1.1%	5	1.3%
Mixed race	72	6.0%	11	2.8%
Total	1197	100.0%	390	100.0%

Table 7. Annual household incomes of on-site recreation users and telephone survey respondents who were surveyed for the Folsom Lake State Recreation Area including Lake Natoma - 2003.

Annual Household Incomes	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
Under \$20,000	58	5.0%	65	19.0%
\$20,000 to \$34,999	75	6.5%	49	14.3%
\$35,000 to \$49,999	120	10.4%	53	15.5%
\$50,000 to \$74,999	264	22.9%	74	21.6%
\$75,000 to \$99,999	220	19.1%	49	14.3%
\$100,000 to \$149,999	244	21.1%	41	12.0%
\$150,000 to \$199,999	96	8.3%	8	2.3%
\$200,000 or more	77	6.7%	4	1.2%
Total	905	100.0%	343	100.0%

Median income for on-site recreation users = \$75,000 - \$99,999

Median income for telephone survey respondents = \$62,500 - \$87,500

Table 8. Persons or groups with whom on-site recreation users and telephone survey respondents who have visited Folsom Lake State Recreation Area (n = 208) recreate while at Folsom Lake – 2003.

Group Types	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
Alone	125	12.1%	12	5.8%
Family and/or friends	838	80.8%	181	87.0%
Organized group	87	8.4%	16	7.7%
Other	40	3.9%	2	0.5%

Note: This question was not asked on the September on-site questionnaire.

Table 9. Number of persons living in the households of persons who responded to the Folsom Lake State Recreation Area telephone survey.

Number of Persons	Number	Percent
1	71	17.9%
2	135	34.1%
3	52	13.1%
4	63	15.9%
5	40	10.1%
6	24	6.1%
7	8	2.0%
8 or more	3	.9%

Average household size = 3

Table 10. Number of persons under age 18 living in the households of persons who responded to the Folsom Lake State Recreation Area telephone survey.

Number of Persons	Number	Percent
None	236	60.1%
1	57	14.5%
2	48	12.2%
3	32	8.1%
4	13	3.3%
5 or more	7	1.8%

Outdoor Recreation Participation by Phone Respondents

Persons who responded to the telephone survey were asked three questions regarding outdoor recreation. First, they were asked how important public outdoor recreation areas and facilities are to them and their families. This was further explained as recreation areas and facilities managed by any government agency – city, county, state and federal. A total of 54.5% said public areas and facilities are very important and 26.5% said they are somewhat important. This is statistically identical to the opinions expressed in the statewide survey of Californians conducted for the California Department of Parks and Recreation in 2003 (Chart 1).

Telephone survey respondents were asked if they spend more time, about the same amount of time or less time in outdoor recreation activities now than they did five years ago. As shown in Chart 2, 26.8% said they spend more time, 29.6% spend about the same amount of time, and 43.6% said they spend less time. When compared with the statistics from the statewide survey conducted in 2003 for the California Department of Parks and Recreation, a significantly larger percentage of adults living in the Folsom Lake State Recreation Area are spending less time outdoors today than five years ago when compared with California as a whole (Chart 2). A crosstabulation of the amount of time spent outdoors by two age groups (those born before 1950 and those born in 1950 or later) revealed that members of the older age group were significantly more likely to say they were spending less time outdoors. Those respondents born in 1950 or later were significantly more likely to say they were spending more time outdoors than they were five years ago (Table 11).

When telephone survey respondents living in the primary market area for Folsom Lake State Recreation Area were asked if they participated in outdoor recreation on or near water (such as a lake, reservoir or river) during the past five years, 261 (65.4%) said “yes” and 138 (34.6%) said “no”. Those who said “yes” were asked to name the water area where they most often participate in outdoor recreation on or near water. As shown in Table 12, Folsom Lake, the American River, and Lake Tahoe were the three most frequently cited.

Telephone survey respondents were also asked the name of their favorite lake, river or other water area where they most often participate in outdoor recreation on or near water. As shown in Table 13, Lake Tahoe, Folsom Lake and the American River were the three that were most frequently mentioned.

Chart 1. Importance of public outdoor recreation areas and facilities - Statewide Survey compared with Folsom Lake SRA market area.

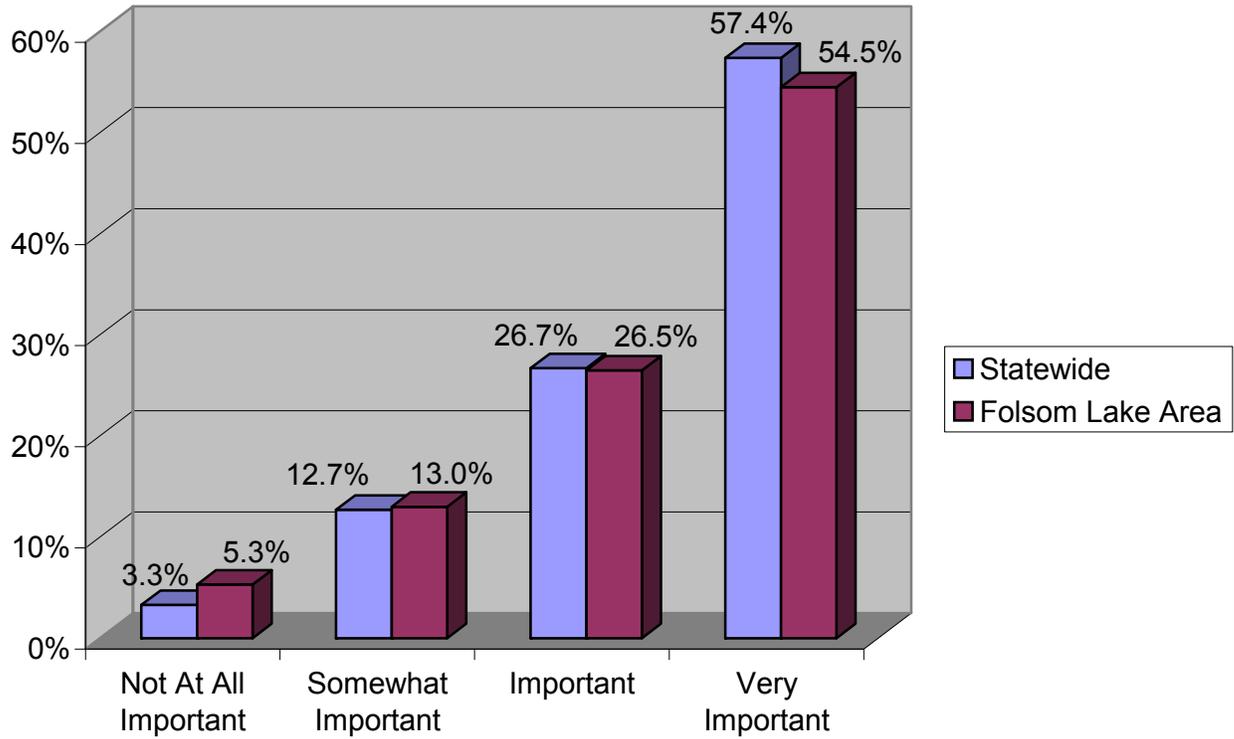


Chart 2. Comparison of time spent in outdoor recreation today with five years ago - Statewide Survey Compared with Folsom Lake SRA Market Area.

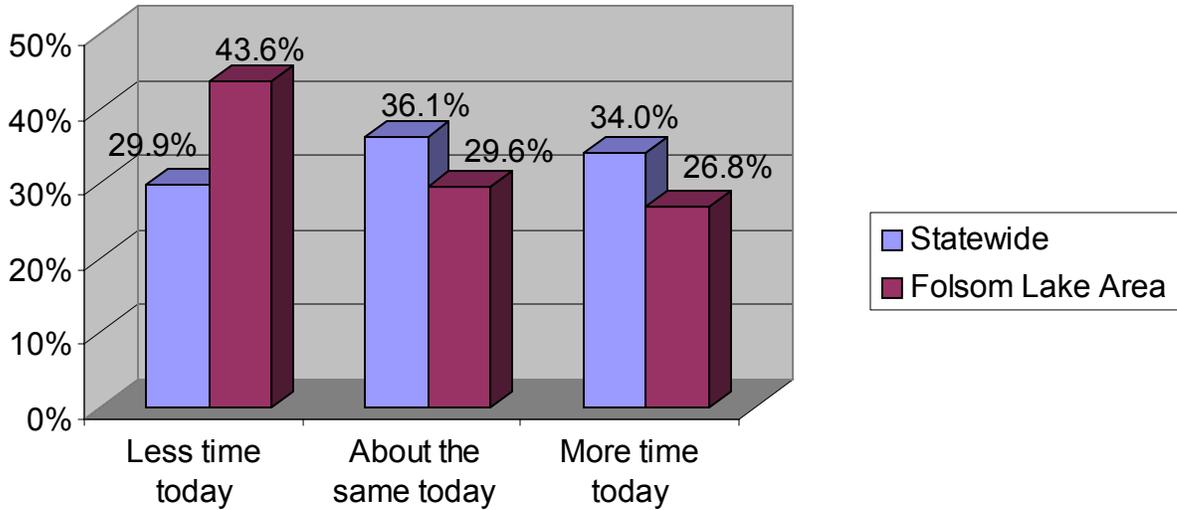


Table 11. Amount of time spent outdoors by telephone survey respondents today compared to five years ago cross-tabulated by age group.

Amount of Time Spent Outdoors	1900-1949	1950-1986	Total
Less Time	96 58.5%	76 32.8%	172 43.4%
About the Same	43 26.2%	75 32.3%	118 29.8%
More Time	25 15.2%	81 34.9%	106 26.8%
Total	164 100.0%	232 100.0%	396 100.0%

Pearson chi-square significance = .000

Table 12. Name of the water area where Folsom Lake State Recreation Area telephone survey respondents most often participate in outdoor recreation on or near water (n = 261).

Water-Based Recreation Area	Number	Percent
Folsom Lake	71	27.2%
American River	43	16.5%
Lake Tahoe	28	10.7%
Sacramento River	20	7.7%
Out of State	7	2.7%
Lake Natoma	4	1.5%
Sacramento Delta	4	1.5%
Lake Berryessa	3	1.1%
Clear Lake	3	1.1%
Lake Shasta	2	0.8%
Lake Oroville	1	0.4%
San Francisco Bay	1	0.4%
Russian River	1	0.4%
North Coast	0	0.0%
South Coast	0	0.0%
Feather River	0	0.0%
Yosemite	0	0.0%
Other	74	28.4%

Table 13. Name of the favorite water area where Folsom Lake State Recreation Area telephone survey respondents participate in outdoor recreation on or near water (n = 261).

Water-Based Recreation Area	Number	Percent
Lake Tahoe	57	21.8%
Folsom Lake	38	14.6%
American River	28	10.7%
Lake Shasta	8	3.1%
Out of State	8	3.1%
Sacramento River	7	2.7%
Lake Berryessa	4	1.5%
Lake Natoma	3	1.1%
Sacramento Delta	3	1.1%
Clear Lake	2	0.8%
Lake Oroville	1	0.4%
San Francisco Bay	1	0.4%
Feather River	0	0.0%

Table 13. (cont'd.)

Water-Based Recreation Area	Number	Percent
North Coast	0	0.0%
South Coast	0	0.0%
Russian River	0	0.0%
Yosemite	0	0.0%
Other	96	36.8%
Don't Know	6	3.1%

Recreation Use

Visited Folsom Lake SRA

Telephone survey respondents who said they had participated in outdoor recreation on or near water during the past five years (n = 261) were asked if they had ever visited Folsom Lake State Recreation Area including Lake Natoma. A total of 208 (80.3%) of those who had participated in outdoor recreation on or near water said "yes". This represents 52.0% of the 400 telephone survey respondents, and 79.7% of those who said they had participated in outdoor recreation on or near water during the past five years.

Phone survey respondents were asked if they had visited Folsom Lake State Recreation Area during the past 12 months. Of the 208 who had visited the area some time in the past, 70 (33.7%) had not visited during the 12 months prior to the survey. Thus, 138 or 34.5% of the telephone survey respondents indicated they had visited one or more areas at Folsom Lake State Recreation Area including Lake Natoma during the year prior to the survey.

Number of Visits to FLSRA

On-site recreation users were asked how many visits to Folsom Lake State Recreation Area they had made during the past 12 months including the visit they were making when surveyed. As shown in Table 14, about half (50.7%) said they had made eight or fewer visits, and 19.5% said the visit they were making when surveyed was their first visit during the past 12 months. The mean (average) number of visits per year was 26.57.

Phone survey respondents were asked how many visits they had made to Folsom Lake State Recreation Area during the past 12 months. For those who said they had gone during the past 12 months (n = 138), the number of visits ranged from 1 to 365 with about 80% having made 8 or fewer visits (Table 15). The mean

(average) number of visits was 16.3. Based on this finding, recreation users interviewed during the on-site survey make a significantly larger number of annual visits to FLSRA than telephone survey respondents.

Months of Visits

When on-site recreation users were asked which months they had visited Folsom Lake State Recreation Area during the past 12 months (Q2), a majority listed May through September with May and July as the two months with the highest percentage of reported recreation use (Table 16 and Chart 3). Use patterns by telephone survey respondents were similar to on-site users during June, July and August, but significantly lower during the other nine months (Table 16 and Chart 3).

Table 14. Number of times Folsom Lake State Recreation Area was visited during the last 12 months by on-site recreation users.

Number of Visits	Number	Percent	Cumulative Percent
1	245	19.5	19.5
2	109	8.7	28.1
3	76	6.0	34.2
4	62	4.9	39.1
5	47	3.7	42.8
6	45	3.6	46.4
7	18	1.4	47.9
8	36	2.9	50.7
9	6	.5	51.2
10	68	5.4	56.6
11	3	.2	56.8
12	47	3.7	60.6
13	3	.2	60.8
14	6	.5	61.3
15	45	3.6	64.9
16	5	.4	65.3
17	2	.2	65.4
18	6	.5	65.9
20	73	5.8	71.7
21	1	.1	71.8
22	4	.3	72.1
23	3	.2	72.3
24	11	.9	73.2

Table 14. (cont'd.)

Number of Visits	Number	Percent	Cumulative Percent
25	33	2.6	75.8
26	2	.2	76.0
27	1	.1	76.1
28	2	.2	76.2
30	46	3.7	79.9
32	3	.2	80.1
35	9	.7	80.8
36	7	.6	81.4
38	1	.1	81.5
40	27	2.1	83.6
45	3	.2	83.9
47	1	.1	84.0
48	4	.3	84.3
50	44	3.5	87.8
51	1	.1	87.9
52	3	.2	88.1
55	2	.2	88.3
58	2	.2	88.5
59	1	.1	88.6
60	15	1.2	89.8
65	1	.1	89.9
67	1	.1	90.0
70	6	.5	90.5
72	1	.1	90.5
75 or more	121	9.5	100.0
Total	1258	100.0	

Mean (average) = 26.57

Table 15. Number of times Folsom Lake State Recreation Area was visited during the last 12 months by recreation users interviewed by telephone (n = 137).

Number of Visits	Number	Percent	Cumulative Percent
1	21	15.3	15.3
2	36	26.3	41.6
3	13	9.5	51.1
4	6	4.4	55.5
5	9	6.6	62.0
6	9	6.6	68.6
7	1	0.7	69.3

Table 15. (cont'd.)

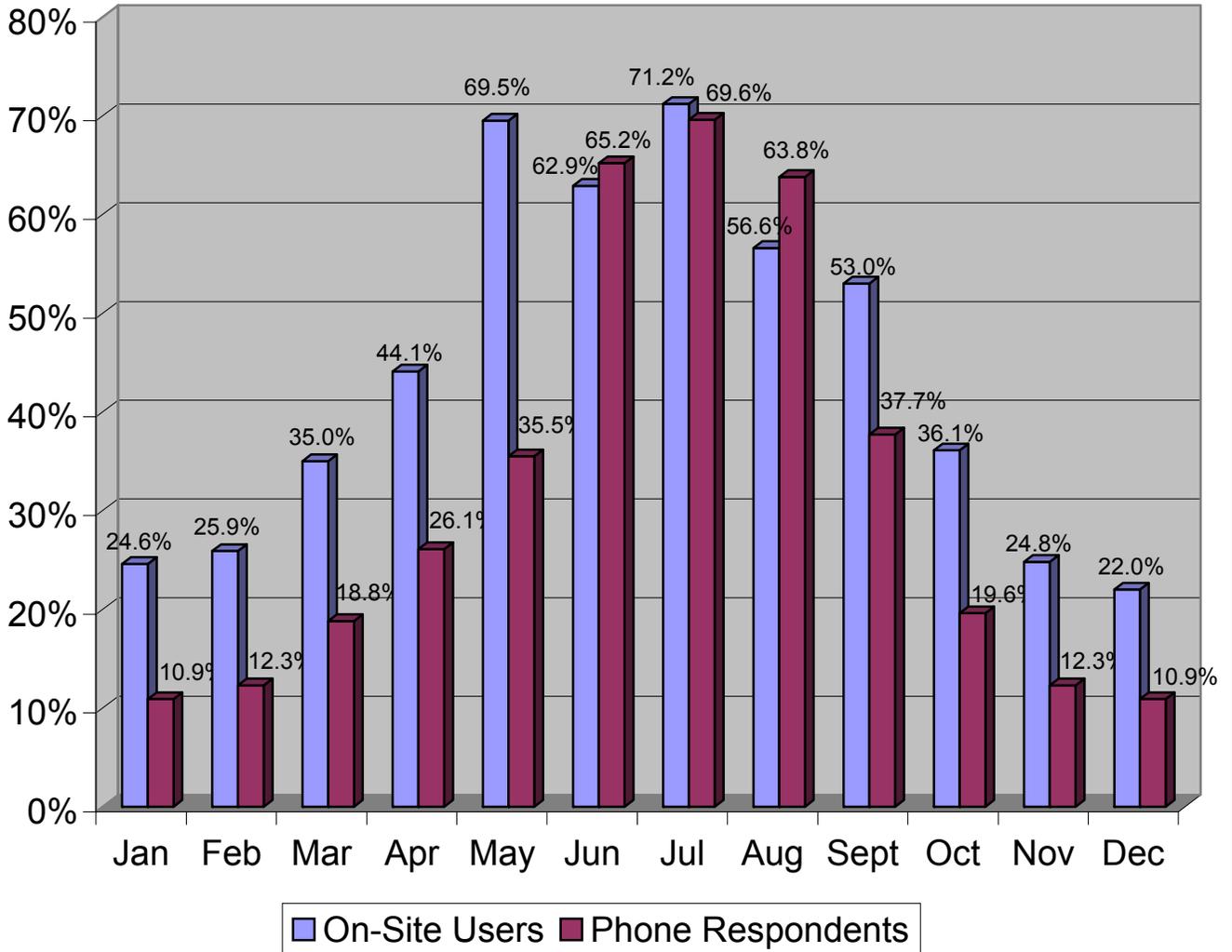
Number of Visits	Number	Percent	Cumulative Percent
8	2	1.5	70.8
10	7	5.1	75.9
12	7	5.1	81.0
14	1	0.7	81.8
15	4	2.9	84.7
20	5	3.6	88.3
24	1	0.7	89.1
25	1	0.7	89.8
30	2	1.5	91.2
32	1	0.7	92.0
40	1	0.7	92.7
50	3	2.2	94.9
60	1	0.7	95.6
100 or more	6	4.4	100.0
Total	137	100.0	

Mean (average) = 16.3

Table 16. Months that visits were made to Folsom Lake State Recreation area during the past 12 months by on-site recreation users and telephone survey respondents who actually made visits (n = 208).

Months of Attendance	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
January	319	24.4%	15	10.9%
February	339	25.9%	17	12.3%
March	458	35.0%	26	18.8%
April	577	44.1%	36	26.1%
May	910	69.5%	49	35.5%
June	824	62.9%	90	65.2%
July	932	71.2%	96	69.6%
August	741	56.6%	88	63.8%
September	694	53.0%	52	37.7%
October	472	36.1%	27	19.6%
November	324	24.8%	17	12.3%
December	288	22.0%	15	10.9%

Chart 3. Months that on-site recreation users and phone survey respondents visit Folsom Lake State Recreation Area.



Park Areas Visited

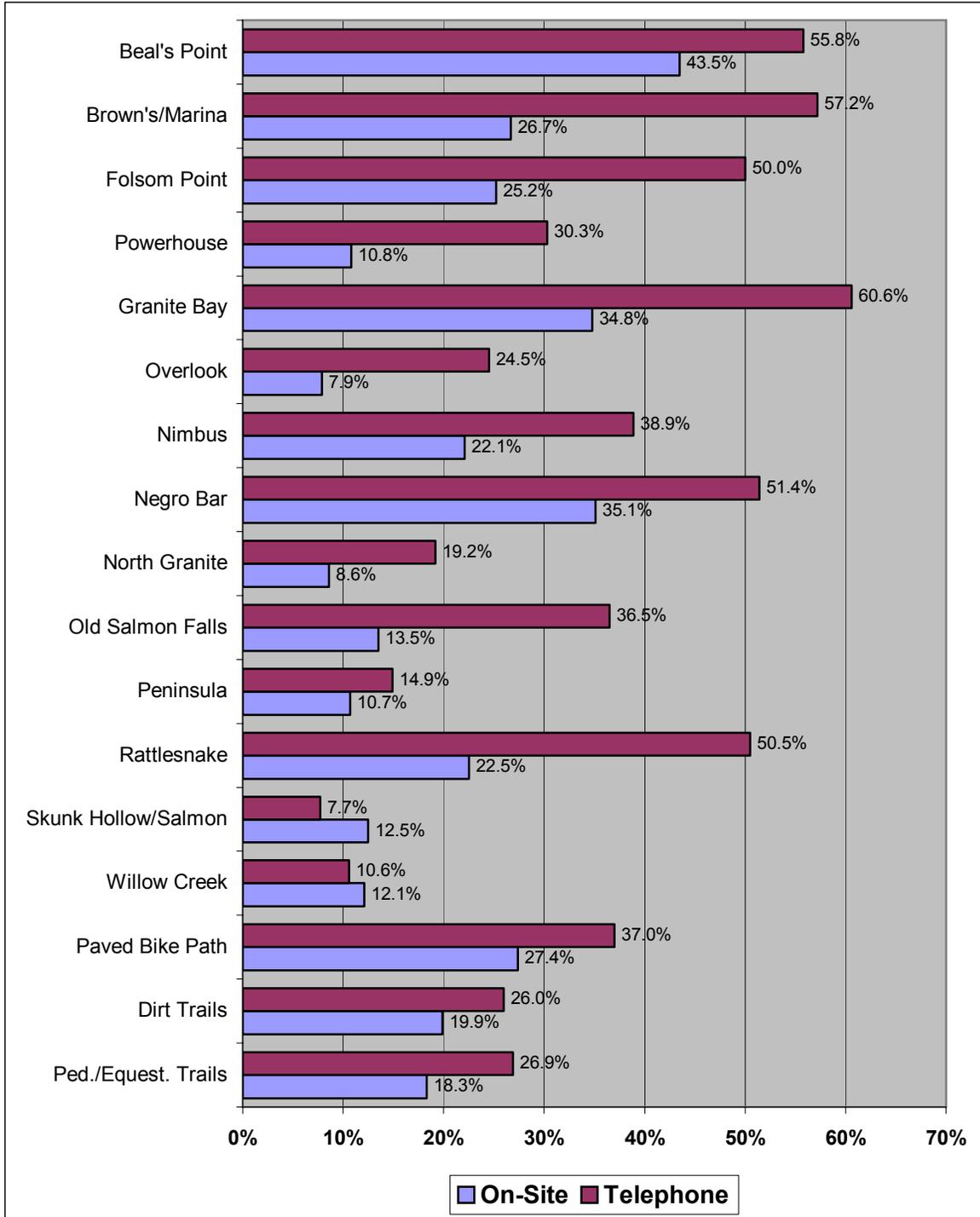
Table 17 and Chart 4 below present the percentages of on-site recreation users who said they visited each FLSRA park area at least one time during the past 12 months, and the percentages of telephone survey respondents who said they had ever visited each of the areas. Highest use areas for on-site users were Beal’s Point Campground and Day Use Area (43.5%), Negro Bar (35.1%),

Granite Bay Beach and Boat Ramps (34.8%), the Paved Bike Path (27.4%), Browns Ravine and Folsom Lake Marina (26.7%), and Folsom Point Day Use and Boat Ramp (25.2%). The areas with the highest reported visitation by telephone survey respondents included Granite Bay (60.6%), Brown's Ravine/Marina (57.2%), Beal's Point Campground and/or Day Use Area (55.8%), Negro Bar (51.4%), Rattlesnake Bar (50.55), and Folsom Point Day Use (50.0%).

Table 17. Park areas visited by on-site recreation users at Folsom Lake State Recreation Area during the past 12 months (n = 1,308) and by telephone survey respondents during prior visits (n = 208).

Park Areas	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
Beal's Point Campground/Day Use	569	43.5%	116	55.8%
Browns Ravine/Folsom Lake Marina	350	26.7%	119	57.2%
Folsom Point Day Use/Boat Ramp	330	25.2%	104	50.0%
Folsom Powerhouse State Historic Park	142	10.8%	63	30.3%
Granite Bay Beach/Boat Ramps	455	34.8%	126	60.6%
Lake Overlook	103	7.9%	51	24.5%
Nimbus Flat	289	22.1%	81	38.9%
Negro Bar	460	35.1%	107	51.4%
North Granite (Beeks/Dotons/Oak Beach)	113	8.6%	40	19.2%
Old Salmon Falls	177	13.5%	76	36.5%
Peninsula Campground	140	10.7%	31	14.9%
Rattlesnake Bar	294	22.5%	105	50.5%
Skunk Hollow/Salmon Falls	163	12.5%	16	7.7%
Willow Creek	159	12.1%	22	10.6%
Paved Bike Path	359	27.4%	77	37.0%
Dirt Multi-Use Trails	261	19.9%	54	26.0%
Pedestrian/Equestrian Trails	239	18.3%	56	26.9%
Other	58	4.4%	13	6.3%

Chart 4. Park areas visited by on-site recreation users at Folsom Lake State Recreation Area during the past 12 months (Q3).



Typical Length of Stay

On-site recreation users and telephone survey respondents were asked about how many days and hours they stay at Folsom Lake State Recreation Area during a typical visit. A total of 78.3% (1,025) of the on-site recreation users and 97.6% (203) of the phone survey respondents said they stay less than 24 hours. Table 18 presents data on the number of hours that day users typically stay. Of those on-site recreation users who stay a day or longer, 55.5% stay one day, 16.5% stay two days, 11.9% stay three days, and 16.1% stay four or more days.

Table 18. Typical lengths of stay by on-site recreation users and telephone survey respondents whose visits to Folsom Lake State Recreation Area were less than 24 hours.

Number of Hours Typically Stayed	On-Site Survey		Phone Survey	
	Number	Percent	Number	Percent
1 hour	66	6.4%	8	3.9%
2 hours	135	13.2%	23	11.3%
3 hours	142	13.9%	24	11.8%
4 hours	192	18.7%	48	23.6%
5 hours	129	12.6%	16	7.9%
6 hours	170	16.6%	23	11.3%
7 hours	19	1.8%	1	0.5%
8 hours	112	10.9%	58	28.6%
9 hours	10	0.9%	0	0.0%
10 hours	28	2.7%	0	0.0%
11 hours	1	0.1%	0	0.0%
12 hours	15	1.4%	1	0.5%
14 hours	0	0.0%	1	0.5%
15 hours	2	0.2%	0	0.0%
16 hours	2	0.2%	0	0.0%
20 hours	1	0.1%	0	0.0%
21 hours	1	0.1%	0	0.0%
TOTAL	1025	99.8%*	203	99.9%*
Mean (Average)	7.8 hours		5.1 hours	

*Does not equal 100.0% due to rounding error.

Participation in Recreation Activities

Telephone survey respondents who had participated in water-based outdoor recreation during the past five years (n = 261) were asked to indicate how many days they had participated in each of 37 recreation activities. As shown in Table 19, recreation participation patterns were very similar to those found for Californians in the Statewide Outdoor Recreation Survey conducted for the California Department of Parks and Recreation during 2003. However, there were several notable differences. The following activities showed higher participation rates for Californians in the statewide survey than those for respondents to the Folsom Lake State Recreation Area phone survey:

- Visiting historic or cultural sites, museums
- Attending outdoor cultural events
- Beach activities, surf play
- Trail hiking

Conversely, two activities showed higher participation rates by Folsom Lake State Recreation Area phone survey respondents than were reported by Californians in the statewide survey:

- Freshwater fishing
- Motor boating

On-site recreation users were asked to indicate how many days they participated in each of 37 recreation activities at Folsom Lake State Recreation Area during the past 12 months. As shown in Table 20, the activities with the highest percentage of recreation users participating were swimming (49.9%), picnicking in developed sites (43.2%), beach activities (40.9%), walking for fitness and fun (40.0%), bicycling on paved surfaces (33.2%), and driving for pleasure (30.0%).

The average (mean) number of days of participation for each recreation activity was computed based on the number of days reported by on-site recreation users. The top six activities were jogging and fitness running (30.14 days), walking a pet (23.23 days), bicycling on paved surfaces (23.01 days), horseback riding and related activities (20.33 days), walking for fitness and fun (20.04 days), and wildlife viewing (18.44 days).

Most Important Activities

On-site recreation users were asked to select and rank order the five recreation activities that were most important to them during

their visits to Folsom Lake State Recreation Area. As shown in Table 21, the five activities that were ranked as most important by the largest percentage of recreation users were (1) bicycling on paved surfaces; (2) whitewater rafting, kayaking, or canoeing; (3) walking for fitness and fun; (4) swimming; and, (5) motor boating.

The five importance rankings for each recreation activity were assigned a weighting score of 5 for a ranking of most important down to a score of 1 for a ranking of fifth most important. These weighting scores were multiplied by the number of recreation users who gave each of the five importance rankings for each recreation activity. These scores were then added together to provide a composite ranking score for each recreation activity. Table 22 presents the composite ranking scores and the ranking for each recreation activity based on this composite score. The five most important activities, based on their composite scores, were (1) swimming, (2) bicycling on paved surfaces, (3) beach activities, (4) walking for fitness and fun, and (5) picnicking in developed sites.

Table 19. Participation in outdoor recreation activities during the past 12 months by Californians who participated in the California Department of Parks and Recreation statewide mail survey (2002) (n = 610) and Folsom Lake State Recreation Area telephone survey respondents (2003) who reported participating in recreation on or near water during the past five years (n = 261).

Recreation Activity	Percent Who Participated	
	Californians	FLSRA Telephone Respondents
Walking for fitness and fun.	91.1%	88.8%
Driving for pleasure, sightseeing, driving through natural scenery	90.2%	80.3%
Visiting historic or cultural sites, museums	85.5%	68.0%
Attending outdoor cultural events (festivals, fairs, concerts, historical reenactments, outdoor theater)	82.6%	69.9%
Beach activities (including sun bathing), surf play	82.2%	62.9%
Picnicking in developed sites	76.7%	67.2%
Wildlife viewing, bird watching, viewing natural scenery	75.1%	68.7%
Trail hiking	68.7%	50.6%

Table 19. (cont'd.)

Recreation Activity	Percent Who Participated	
	Californians	FLSRA Telephone Respondents
Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.)	65.5%	61.8%
Swimming	59.5%	65.3%
Camping in developed sites with facilities such as toilets and tables	49.8%	43.6%
Bicycling on paved surfaces	45.8%	44.0%
Walking a pet	43.5%	40.9%
Using play equipment, tot-lots	39.0%	32.0%
Jogging and fitness running	35.6%	27.8%
Fishing – freshwater	34.0%	41.3%
Motor boating	29.1%	42.5%
Camping at a primitive site without facilities	28.0%	22.0%
Bicycling on unpaved surfaces and trails, mountain biking	24.0%	19.3%
Paddle Sports (kayaking, rowing, canoeing, and rafting)	23.0%	
Whitewater rafting, kayaking or canoeing		17.0%
Flatwater kayaking or canoeing		13.5%
Rowing (shells, sculls, or other flatwater rowing or rafting)		4.2%
Backpack camping	20.1%	18.1%
Camping in trailer or RV sites with hookups	19.9%	15.1%
Off-road vehicle use – four-wheel drive	19.8%	20.5%
Horseback riding, horse shows and events	19.2%	10.0%
Gathering mushrooms, berries or other natural products	17.4%	14.3%
Rock climbing/bouldering	14.8%	6.6%
Using personal watercraft	13.6%	18.9%
Other activities	13.2%	7.1%
In-line skating	12.9%	5.0%
Water skiing	10.6%	14.3%
Sailboating	10.4%	6.2%
Skateboarding	9.1%	1.9%
Wakeboarding	8.1%	12.4%
Orienteering/geo-caching	4.6%	2.7%
Windsurfing	3.4%	3.1%

Table 20. Total number of days of participation by recreation activity for on-site recreation users at Folsom Lake State Recreation Area.

Recreation Activities	Number Participating	Percent Participating	Range (in days)	Mean (# of days)
Swimming.	653	49.9%	1 - 365	10.63
Picnicking in developed sites.	566	43.2%	1 - 100	5.44
Beach activities (including sunbathing).	535	40.9%	1 - 200	9.50
Walking for fitness and fun.	523	40.0%	1 - 360	20.04
Bicycling on paved surfaces.	435	33.2%	1 - 240	23.01
Driving for pleasure, sightseeing, driving through natural scenery.	393	30.0%	1 - 365	10.93
Wildlife viewing, bird watching, viewing natural scenery.	366	28.0%	1 - 365	18.44
Motor boating.	343	26.2%	1 - 190	12.38
Trail hiking.	342	26.1%	1 - 300	11.93
Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.).	311	23.8%	1 - 200	9.75
Bicycling on unpaved surfaces and trails, mountain biking.	288	22.0%	1 - 190	16.36
Fishing - freshwater.	271	20.7%	1 - 340	10.60
Walking a pet.	248	18.9%	1 - 360	23.23
Camping in developed sites with facilities such as toilets and tables.	242	18.5%	1 - 60	4.38
Using personal watercraft.	232	17.7%	1 - 300	13.46
Whitewater rafting, kayaking, or canoeing.	219	16.7%	1 - 300	8.10
Jogging and fitness running.	197	15.0%	1 - 350	30.14
Water skiing.	191	14.6%	1 - 120	11.60
Flatwater kayaking or canoeing.	187	14.3%	1 - 150	10.57
Visiting historic or cultural sites, museums.	151	11.5%	1 - 30	3.30
Wakeboarding.	138	10.5%	1 - 120	13.94
Attending outdoor cultural events (festivals, fairs, concerts, historical reenactments, outdoor theater).	116	8.9%	1 - 30	3.12
Horseback riding, horse shows and events.	97	7.4%	1 - 250	20.33
Rowing (shells, sculls, flatwater rowing or rafting).	86	6.6%	1 - 170	6.05
Using play equipment, tot-lots.	85	6.5%	1 - 57	5.56
Gathering mushrooms, berries or other natural products.	75	5.7%	1 - 96	6.00
Sailboating.	69	5.3%	1 - 60	9.88
Camping in trailer or RV sites with hookups.	61	4.7%	1 - 160	6.70
Off-road vehicle use - four-wheel drive.	62	4.7%	1 - 150	11.02
Camping at a primitive site without facilities.	58	4.4%	1 - 30	5.41
Rock climbing, bouldering.	57	4.4%	1 - 55	5.51
Backpack camping.	55	4.2%	1 - 30	4.00
In-line skating.	47	3.6%	1 - 100	7.87
Orienteering, geo-caching.	35	2.7%	1 - 36	5.69
Windsurfing.	32	2.4%	1 - 30	3.94
Skateboarding.	29	2.2%	1 - 15	3.55
Other.	60	4.6%	1 - 365	20.30

Table 21. Recreation activities rated as most important by on-site recreation users at Folsom Lake State Recreation Area (n = 928).

Recreation Activities	Number	Percent	Rank
Bicycling on paved surfaces.	124	10.5%	1
Whitewater rafting, kayaking, or canoeing.	111	9.4%	2
Walking for fitness and fun.	86	7.3%	3
Swimming.	84	7.1%	4
Motor boating.	79	6.7%	5
Picnicking in developed sites.	65	5.5%	6
Bicycling on unpaved surfaces and trails, mountain biking.	65	5.5%	6
Beach activities (including sunbathing).	56	4.7%	7
Horseback riding, horse shows and events.	55	4.6%	8
Fishing - freshwater.	51	4.3%	9
Camping in developed sites with facilities such as toilets and tables.	46	3.9%	10
Using personal watercraft.	44	3.7%	11
Jogging and fitness running.	44	3.7%	11
Flatwater kayaking or canoeing.	44	3.7%	11
Walking a pet.	30	2.5%	12
Trail hiking.	27	2.3%	13
Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.).	24	2.0%	14
Wakeboarding.	22	1.9%	15
Wildlife viewing, bird watching, viewing natural scenery.	21	1.8%	16
Sailboating.	19	1.6%	17
Water skiing.	16	1.4%	18
Driving for pleasure, sightseeing, driving through natural scenery.	14	1.2%	19
Rowing (shells, sculls, flatwater rowing or rafting).	9	0.8%	20
Camping in trailer or RV sites with hookups.	6	0.5%	21
Camping at a primitive site without facilities.	6	0.5%	21
Off-road vehicle use – four-wheel drive	3	0.3%	22
Backpack camping.	3	0.3%	22
Attending outdoor cultural events	4	0.3%	22
In-line skating.	3	0.3%	22
Windsurfing	2	0.2%	23
Gathering mushrooms, berries or other natural products.	1	0.1%	24

Table 22. Composite ranking scores and rankings of recreation activities rated as the five most important by on-site recreation users at Folsom Lake State Recreation Area (n = 1185).

Recreation Activities	Composite Score	Rank
Swimming.	1531	1
Bicycling on paved surfaces.	1181	2
Beach activities (including sunbathing).	1008	3
Walking for fitness and fun.	989	4
Picnicking in developed sites.	962	5
Motor boating.	823	6
Bicycling on unpaved surfaces and trails, mountain biking.	769	7
Whitewater rafting, kayaking, or canoeing.	688	8
Fishing - freshwater.	647	9
Trail hiking.	569	10
Walking a pet.	544	11
Wildlife viewing, bird watching, viewing natural scenery.	532	12
Camping in developed sites with facilities such as toilets and tables.	516	13
Flatwater kayaking or canoeing.	504	14
Jogging and fitness running.	491	15
Using personal watercraft.	458	16
Driving for pleasure, sightseeing, driving through natural scenery.	378	17
Water skiing.	371	18
Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.).	367	19
Horseback riding, horse shows and events.	342	20
Wakeboarding.	309	21
Sailboating.	162	22
Camping at a primitive site without facilities.	136	23
Camping in trailer or RV sites with hookups.	113	24
Rowing (shells, sculls, flatwater rowing or rafting).	112	25
Backpack camping.	93	26
Off-road vehicle use – four-wheel drive	80	27
Attending outdoor cultural events	74	28
Visiting historic or cultural sites, museums	71	29
In-line skating.	54	30
Using play equipment, tot lots	50	31
Rock climbing, bouldering	50	31
Windsurfing	34	32
Orienteering/geo-caching	25	33
Gathering mushrooms, berries or other natural products.	22	34
Skateboarding	13	35

Barriers to Visiting FLSRA

Telephone survey respondents who participated in water-based outdoor recreation activities during the past five years but had not visited Folsom Lake State Recreation Area (n = 50) were presented 22 possible barriers for not having visited. Respondents were asked to what degree they agreed or disagreed with each possible barrier. The level of agreement/disagreement was scaled from 1 = strongly disagree to 4 = strongly agree.

Many of the respondents did not express opinions on some barriers, particularly those that pertained to facilities and services at Folsom Lake State Recreation Area. As shown in Table 23, only two of the barriers were rated an average of 3 (moderately agree) or higher by a majority of the 50 respondents:

- I don't know anything about the facilities or the lake (3.33).
- I prefer to go some other place to recreate (3.20).

Based on this finding, the only action that FLSRA could take to possibly increase recreation visitation by residents of the primary market area would be to provide information that would make area residents aware of facilities and the lake.

Table 23. Reasons that telephone survey respondents who participated in water-based outdoor recreation during the past five years have not visited Folsom Lake State Recreation Area (n = 50).

FLSRA does not offer the kinds of recreation that are interesting to me.	23.5%	35.3%	17.6%	23.5%	68.0%	2.41
I do not feel safe using areas and facilities at FLSRA.	63.6%	18.2%	9.1%	9.1%	22.0%	1.64
FLSRA is too far from where I live.	38.5%	25.6%	10.3%	25.6%	78.0%	2.23
It takes too long to get to FLSRA.	36.8%	31.6%	13.2%	18.4%	76.0%	2.13
Facilities are poorly maintained.	33.3%	33.3%	0.0%	33.3%	6.0%	2.33
Facilities are unclean.	33.3%	33.3%	0.0%	33.3%	6.0%	2.33
Facilities are too crowded.	25.0%	25.0%	0.0%	50.0%	8.0%	2.75
Facilities are too expensive.	0.0%	100.0%	0.0%	0.0%	4.0%	2.00
Rowdy undesirable people go to FLSRA.	0.0%	25.0%	50.0%	25.0%	8.0%	3.00

Table 23. (cont'd.)

Reasons for Not Visiting	Strongly Disagree (1)	Moderately Disagree (2)	Moderately Agree (3)	Strongly Agree (4)	% Who Rated This Item	Average Rating
The staff is unfriendly or unhelpful.	50.0%	0.0%	0.0%	50.0%	4.0%	2.50
I don't know anything about the facilities or the lake.	9.3%	11.6%	16.3%	62.8%	86.0%	3.33
I no longer go out or travel, or don't get around much anymore.	68.1%	8.4%	12.8%	10.6%	94.0%	1.66
I don't have the time or I'm too busy.	54.3%	19.6%	19.6%	6.5%	92.0%	1.78
I prefer to go some other place to recreate.	12.5%	7.5%	27.5%	52.5%	80.0%	3.20
I do not like the physical environment at FLSRA.	33.3%	22.2%	0.0%	44.4%	18.0%	2.56
My friends don't go to FLSRA/I have no one to go with/I am never invited.	50.0%	15.2%	23.9%	10.9%	92.0%	1.96
More outdoor recreation areas are needed for camping or overnight use.	33.3%	0.0%	0.0%	66.7%	6.0%	3.00
More outdoor recreation facilities for day use, such as picnic areas and beaches, are needed.	33.3%	0.0%	0.0%	66.7%	6.0%	3.67
Outdoor recreation areas and facilities are too crowded when I want to use them.	50.0%	0.0%	0.0%	50.0%	4.0%	2.50
Better enforcement of rules and regulations is needed at FLSRA.	50.0%	0.0%	0.0%	50.0%	4.0%	2.50
More developed camp-grounds with hot showers and electrical and water hook-ups are needed.	50.0%	0.0%	0.0%	50.0%	4.0%	2.50
Private businesses should provide some of the outdoor recreation services at FLSRA.	11.1%	11.1%	33.3%	44.4%	18.0%	3.11

Opinions Regarding Recreation Activities and Facilities at FLSRA

More Opportunities for Activities

On-site recreation users were asked to select and rank order the five recreation activities that they would have probably done more often or would like to have tried if good opportunities, facilities and programs had been available to them at Folsom Lake State Recreation Area. The five importance rankings for each recreation activity were given a weighting score of 5 for a ranking of most important down to 1 for a ranking of fifth most important. These weighting scores were multiplied by the number of recreation users who gave each of the five importance rankings for each recreation activity. These scores were then added together to provide a composite ranking score for each recreation activity. Table 24 presents the composite ranking scores and the ranking for each recreation activity based on this composite score. The five most important activities in which on-site recreation users would have liked to participate more often were (1) swimming; (2) whitewater rafting, kayaking or canoeing; (3) attending outdoor cultural events; (4) bicycling on paved surfaces; and, (5) camping in developed sites with facilities. These top five recreation activities had the highest composite ranking scores of the 37 activities included on the questionnaire.

Recreation Areas Visited

On-site recreation users were asked which park areas they had visited or were planning to visit for the stay during which they were interviewed. As shown in Table 25, the park areas for which the highest percentage of planned visits were: (1) Beal's Point (26.4%); (2) Granite Bay (18.3%); (3) Negro Bar (16.8%); (4) Folsom Point (15.6%); and (5) Brown's Ravine/Folsom Lake Marina (13.5%). This pattern of planned visits by on-site recreation users is very consistent with the actual visitation patterns reported in Table 17 and Chart 4 for telephone survey respondents.

Ratings for Facilities and Services

On-site recreation users were asked to rate the adequacy of 27 recreation facilities and services at Folsom Lake State Recreation area utilizing a scale from very adequate (4) to very inadequate (1). As shown in Table 26, a total of 8 of the 27 items received average (mean) adequacy ratings of less than 3 (below somewhat adequate). The percentage of recreation users who provided ratings for each item is also shown in this table. The items with average ratings of less than 3 are highlighted in Table 26 and include the following:

- Number of shower facilities at campgrounds
- Number of education/interpretive programs
- Number of fish cleaning stations
- Screening between campsites
- Number of docks or temporary moorage
- Restroom maintenance
- Number of marinas
- Number of campsites with RV hookups

When the telephone survey respondents who had visited Folsom Lake State Recreation Area (n = 208) were asked to rate 21 of the items included in the on-site survey, two items received average ratings of less than 3 (Table 26a).

- Number of campsites with RV hookups
- Number of shower facilities at campgrounds

Table 24. Composite ranking scores and rankings of recreation activities rated as the five that on-site recreation users at Folsom Lake State Recreation Area would have done more often or would have tried if good opportunities, facilities and programs had been available (n = 1309).

Recreation Activities	Composite Score	Rank
Swimming.	542	1
Whitewater rafting, kayaking, or canoeing.	532	2
Attending outdoor cultural events	506	3
Bicycling on paved surfaces.	499	4
Camping in developed sites with facilities such as toilets and tables.	444	5
Horseback riding, horse shows and events.	426	6
Trail hiking.	394	7
Bicycling on unpaved surfaces and trails, mountain biking.	398	8
Fishing - freshwater.	389	9
Picnicking in developed sites.	379	10
Beach activities (including sunbathing).	354	11
Motor boating.	345	12
Flatwater kayaking or canoeing.	341	13
Walking for fitness and fun.	317	14
Rock climbing, bouldering	263	15
Wildlife viewing, bird watching, viewing natural scenery.	260	16
Walking a pet.	255	17
Water skiing.	251	18
Driving for pleasure, sightseeing, driving through natural scenery.	222	19
Windsurfing	199	20
Visiting historic or cultural sites, museums	199	20
Sailboating.	195	21
Off-road vehicle use – four-wheel drive	188	22
Using personal watercraft.	183	23
Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.).	178	24
Rowing (shells, sculls, flatwater rowing or rafting).	178	24
Camping at a primitive site without facilities.	178	24
Jogging and fitness running.	177	25
Backpack camping.	175	26
Camping in trailer or RV sites with hookups.	173	27
Wakeboarding.	142	28
Using play equipment, tot lots	131	29
In-line skating.	98	30
Gathering mushrooms, berries or other natural products.	91	31
Orienteering, geo-caching	62	32
Skateboarding	30	33

Table 25. Park areas at Folsom Lake State Recreation Area that on-site recreation users had visited or were planning to visit for the visit during which they were interviewed (n = 1309).

Park Areas	Number	Percent
Beal's Point Campground/Day Use	345	26.4%
Browns Ravine/Folsom Lake Marina	177	13.5%
Folsom Point Day Use/Boat Ramp	204	15.6%
Folsom Powerhouse State Historic Park	75	5.7%
Granite Bay Beach/Boat Ramps	239	18.3%
Lake Overlook	61	4.7%
Nimbus Flat	142	10.8%
Negro Bar	220	16.8%
North Granite (Beeks/Dotons/Oak Beach)	74	5.7%
Old Salmon Falls	110	8.4%
Peninsula Campground	84	6.4%
Rattlesnake Bar	156	11.9%
Skunk Hollow/Salmon Falls	128	9.8%
Willow Creek	111	8.5%
Paved Bike Path	160	12.2%
Dirt Multi-Use Trails	159	12.1%
Pedestrian/Equestrian Trails	124	9.5%
Other	35	2.7%

Table 26. Adequacy ratings given by on-site recreation users for recreation facilities and services at Folsom Lake State Recreation Area (n = 1309).

Types of Facilities and Services	Very Adequate (4)	Somewhat Adequate (3)	Somewhat Inadequate (2)	Very Inadequate (1)	% Who Rated This Item	Average Rating
Frequency of enforcement patrols	42.6%	37.1%	14.6%	5.7%	73.0%	3.17
Safety of areas and facilities	45.7%	43.8%	8.0%	2.4%	78.2%	3.33
Number of campground hosts	38.0%	40.3%	16.2%	5.3%	40.6%	3.10
Number of education/interpretive programs	23.2%	37.5%	29.2%	10.1%	42.4%	2.74
Number of restroom facilities	33.7%	44.5%	15.8%	6.0%	82.3%	3.06
Restroom maintenance	28.7%	41.0%	20.3%	10.0%	78.8%	2.88
Number of unpaved bike trails	36.1%	42.1%	15.2%	6.7%	49.4%	3.08
Number of hiking trails	40.3%	42.5%	14.3%	3.0%	51.4%	3.20
Number of paved bike trails	47.9%	36.8%	11.7%	3.6%	53.4%	3.29
Number of equestrian trails	45.0%	38.9%	13.3%	2.8%	35.0%	3.26
Trail maintenance	42.1%	41.7%	12.9%	3.4%	54.6%	3.23
Number of campgrounds	33.9%	41.5%	18.3%	6.3%	42.6%	3.03
Number of campsites with RV hookups	30.5%	41.1%	19.1%	9.4%	26.1%	2.93
Number of group campsites	34.0%	39.0%	20.2%	6.8%	30.3%	3.00
Screening between campsites	26.6%	39.5%	25.9%	8.0%	31.3%	2.85
Number of shower facilities at campgrounds	21.7%	33.6%	25.6%	19.2%	33.5%	2.58
Maintenance of campsites	35.2%	44.3%	15.2%	5.3%	36.2%	3.09
Number of boat ramps	34.7%	43.7%	17.3%	4.3%	46.3%	3.09
Number of docks or temporary moorage	27.1%	41.8%	20.3%	10.8%	38.4%	2.85
Maintenance of boating facilities	33.8%	49.4%	14.1%	2.7%	40.2%	3.14
Number of marinas	29.4%	41.1%	20.9%	8.7%	39.6%	2.91
Number of fish cleaning stations	25.7%	34.6%	28.7%	11.0%	25.0%	2.75
Number of individual picnic sites	31.7%	42.4%	20.3%	5.6%	53.1%	3.00
Number of group picnic sites	31.6%	44.1%	20.3%	4.0%	48.1%	3.03
Maintenance of picnic sites	35.3%	46.3%	14.8%	3.7%	56.3%	3.13
Number of swimming areas	35.0%	40.4%	17.8%	6.9%	61.1%	3.03
Maintenance of swimming areas	35.4%	42.8%	15.4%	6.4%	60.0%	3.07

NOTE: The adequacy ratings are based on percentage of the recreation users who provided a rating for each individual item. The “% rated this item” is based on the total number of survey respondents (n = 1,309).

Table 26a. Adequacy ratings given by telephone survey respondents who had visited Folsom Lake State Recreation Area for recreation facilities and services (n = 208).

Types of Facilities and Services	Very Adequate (4)	Somewhat Adequate (3)	Somewhat Inadequate (2)	Very Inadequate (1)	% Who Rated This Item	Average Rating
Frequency of enforcement patrols	30.2%	48.3%	14.7%	6.9%	55.2%	3.02
Safety of areas and facilities	50.7%	46.0%	2.7%	.7%	71.4%	3.47
Number of campground hosts	31.1%	50.8%	9.8%	8.2%	29.0%	3.05
Number of education/interpretive programs	38.9%	41.7%	16.7%	2.8%	17.1%	3.17
Number of restroom facilities	33.6%	51.4%	9.3%	5.7%	66.7%	3.13
Restroom maintenance	34.3%	50.7%	6.7%	8.2%	63.8%	3.11
Number of unpaved bike trails	53.0%	39.8%	4.8%	2.4%	39.5%	3.43
Number of paved bike trails	51.2%	39.5%	7.0%	2.3%	41.0%	3.40
Trail maintenance	66.0%	31.9%	2.1%	0.0%	44.8%	3.64
Number of campgrounds	38.2%	46.1%	13.2%	2.6%	36.2%	3.20
Number of campsites with RV hookups	25.9%	55.6%	7.4%	11.1%	12.9%	2.96
Number of group campsites	20.6%	52.8%	8.3%	8.3%	17.1%	3.06
Number of shower facilities at campgrounds	9.4%	46.9%	15.6%	28.1%	15.2%	2.37
Maintenance of campsites	47.5%	44.3%	6.6%	1.6%	29.0%	3.38
Number of boat ramps	48.6%	40.5%	8.1%	2.7%	46.3%	3.35
Number of docks or temporary moorage	34.1%	42.7%	15.9%	7.3%	39.0%	3.04
Number of marinas	42.7%	39.0%	11.0%	7.3%	39.0%	3.17
Number of individual picnic sites	48.7%	39.5%	8.4%	3.4%	56.7%	3.34
Number of group picnic sites	42.5%	43.8%	10.0%	3.8%	38.1%	3.25
Maintenance of picnic sites	53.9%	42.6%	2.6%	.9%	54.8%	3.50
Number of swimming areas	58.1%	31.8%	7.0%	3.1%	61.4%	3.45

NOTE: The adequacy ratings are based on percentage of the recreation users who provided a rating for each individual item. The “% rated this item” is based on the total number of telephone survey respondents who had visited Folsom Lake State Recreation Area (n = 208).

Interactions with Park Staff

When on-site recreation users were asked to rate their interactions with park staff at Folsom Lake State Recreation Area on a scale from very positive (5) to very negative (1), 86.9% of the 1183 survey respondents who provided a rating said they interacted with staff. A total of 55.5% rated their interaction as “very positive” and 18.9% rated it as “somewhat positive”. Only 0.9% (11 visitors) said their interaction was “somewhat negative” and 0.5% (6 visitors) said that it was “very negative” (Table 27).

Priorities for Possible Improvements

On-site recreation users were provided a list of 12 possible improvements in park and recreation facilities and services at Folsom Lake State Recreation Area and asked to provide a priority rating from 1 (extremely low priority) to 10 (extremely high priority). As shown in Table 28, more than 80% of all 1309 on-site recreation users who participated in the survey provided ratings for each of the items. The possible improvements are arrayed from the improvement that received the highest mean (average) priority rating to the improvement that received the lowest priority rating.

Table 27. Ratings given by on-site recreation users for their interactions with park staff at Folsom Lake State Recreation Area including Lake Natoma.

Interaction Rating	Number	Percent
Very Positive	656	55.5%
Somewhat Positive	224	18.9%
Neutral	131	11.1%
Somewhat Negative	11	.9%
Very Negative	6	.5%
Did Not Interact with Staff	155	13.1%
Total	1183	100.0%

Table 28. Average priority ratings given by on-site recreation users for possible improvement in park and recreation facilities at Folsom Lake State Recreation Area including Lake Natoma (n = 1309).

Type of Facility or Service	Average Rating	% Rating This Item
Developing more multi-use, non-motorized trails for horseback riding, hiking and/or mountain biking	6.36	84.0%
Constructing more developed campgrounds with flush toilets, hot showers and food lockers	6.04	83.3%
Increasing the presence of uniformed law enforcement personnel	5.92	84.3%
Constructing more basic campgrounds with picnic tables, cold water and pit toilets	5.81	82.7%
Increasing parking at day use picnic sites	5.23	82.0%
Constructing a visitor center	5.16	82.0%
Providing more educational programs and services	5.13	83.4%
Providing more group picnic sites that accommodate large families or groups of 20 or more persons	5.07	81.1%
Providing a second marina	4.81	80.2%
Providing sheltered lodging facilities such as rustic cabins, tent cabins, etc.	4.72	82.3%
Providing more boat launching facilities	4.72	81.3%
Constructing RV campgrounds with electrical and water hookups, sewer dump stations and pull-through sites	4.17	81.8%

APPENDIX A

Folsom Lake State Recreation Area **OUTDOOR RECREATION QUESTIONNAIRE**

Folsom Lake State Recreation Area
OUTDOOR RECREATION QUESTIONNAIRE

Conducted for



by

James E. Fletcher, Ph.D., Consultant
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And

Wallace, Roberts & Todd, LLC
San Francisco, California 94103

This questionnaire asks about your participation in outdoor recreation activities at Folsom Lake. The information is very important to the planning and management of outdoor recreation facilities and areas at Folsom Lake State Recreation Area including Lake Natoma. Please complete this questionnaire and return it to the interviewer who gave it to you.

These first few questions relate to your visits to Folsom Lake and Lake Natoma over the past 12 months.

Q1. Including this visit, approximately how many times did you visit Folsom Lake State Recreation Area during the last 12 months? #

Q2. During the past 12 months, which months did you visit Folsom Lake State Recreation Area ? Please check all that apply.

<input type="checkbox"/> January	<input type="checkbox"/> April	<input type="checkbox"/> July	<input type="checkbox"/> October
<input type="checkbox"/> February	<input type="checkbox"/> May	<input type="checkbox"/> August	<input type="checkbox"/> November
<input type="checkbox"/> March	<input type="checkbox"/> June	<input type="checkbox"/> September	<input type="checkbox"/> December

Q3. During the past 12 months, which of the following areas have you visited at Folsom Lake State Recreation Area including Lake Natoma? Refer to the map on the back of this questionnaire. Please check all areas that apply.

<input type="checkbox"/> Beals Point Campground &/or Day Use Area	<input type="checkbox"/> Old Salmon Falls
<input type="checkbox"/> Browns Ravine/Folsom Lake Marina	<input type="checkbox"/> Peninsula Campground
<input type="checkbox"/> Folsom Point Day Use Area &/or Boat Ramp	<input type="checkbox"/> Rattlesnake Bar
<input type="checkbox"/> Folsom Powerhouse State Historic Park	<input type="checkbox"/> Skunk Hollow/Salmon Falls
<input type="checkbox"/> Granite Bay Beach &/or Boat Ramps	<input type="checkbox"/> Willow Creek
<input type="checkbox"/> Lake Overlook	<input type="checkbox"/> Paved Bike Path
<input type="checkbox"/> Nimbus Flat	<input type="checkbox"/> Dirt Multi-Use Trails
<input type="checkbox"/> Negro Bar	<input type="checkbox"/> Pedestrian/Equestrian Trails
<input type="checkbox"/> North Granite (Beeks/Dotons/Oak Beach)	<input type="checkbox"/> Other (specify)

Q4. During a typical visit, approximately how many days and hours did you stay at Folsom Lake State Recreation Area? Days _____ Hours _____

Q5. For each of the following recreation activities, please give your best estimate of the **total number of days that you participated in that activity at Folsom Lake State Recreation Area during the past 12 months.** Include even those days when you did the activity for only a short period of time. Write your best estimate on the line to the right of each activity. If you did not participate in an activity, please enter a zero (0) in the blank for that activity.

<u>Outdoor Recreation Activity</u>	<u>Number of Days</u>
01 Walking for fitness and fun.	_____
02 Walking a pet.	_____
03 Trail hiking	_____
04 Jogging and fitness running.	_____
05 Bicycling on paved surfaces	_____
06 Bicycling on unpaved surfaces and trails, mountain biking	_____

Outdoor Recreation Activity

Number of Days

07 Driving for pleasure, sightseeing, driving through natural scenery.	_____
08 Picnicking in developed sites	_____
09 Backpack camping.	_____
10 Camping at a primitive site without facilities	_____
11 Camping in developed sites with facilities such as toilets and tables	_____
12 Camping in trailer or RV sites with hookups	_____
13 Wildlife viewing, bird watching, viewing natural scenery	_____
14 Gathering mushrooms, berries or other natural products	_____
15 Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.).	_____
16 Using play equipment, tot-lots	_____
17 Skateboarding.	_____
18 In-line skating	_____
19 Horseback riding, horse shows and events.	_____
20 Beach activities (including sun bathing).	_____
21 Swimming	_____
22 Motor boating.	_____
23 Using personal watercraft	_____
24 Water Skiing	_____
25 Wakeboarding	_____
26 Sailboating.	_____
27 Windsurfing	_____
28 Whitewater rafting, kayaking, or canoeing	_____
29 Flatwater kayaking or canoeing	_____
30 Rowing (shells, sculls, or other flatwater rowing or rafting)	_____
31 Fishing – freshwater.	_____
32 Off-road vehicle use – four-wheel drive.	_____
33 Attending outdoor cultural events (festivals, fairs, concerts, historical reenactments, outdoor theater)	_____
34 Visiting historic or cultural sites, museums	_____
35 Rock climbing/bouldering.	_____
36 Orienteering/geo-caching	_____
37 Other _____	_____

Q6. Of the 37 activities listed in Q5 above, please ***select up to 5 activities that are most important to you during your visits to Folsom Lake State Recreation Area including Lake Natoma*** and place the activity numbers in the spaces provided.

Most important activity#_____	Fourth most important#_____
Second most important.#_____	Fifth most important.#_____
Third most important.#_____	

Q7. Using the above list of 37 activities in Q5, please ***select up to 5 which you probably would have done more often or would like to have tried if good opportunities, facilities and programs had been available to you at Folsom Lake State Recreation Area including Lake Natoma.***

Most important activity#_____	Fourth most important#_____
Second most important.#_____	Fifth most important.#_____
Third most important.#_____	

These next few questions apply to your current visit to Folsom Lake State Recreation Area including Lake Natoma.

Q8. **During this visit,** which of the following areas have you visited or do you plan to visit at Folsom Lake State Recreation Area including Lake Natoma? Please check all that apply.

<input type="checkbox"/> Beals Point Campground &/or Day Use Area	<input type="checkbox"/> Old Salmon Falls
<input type="checkbox"/> Browns Ravine/Folsom Lake Marina	<input type="checkbox"/> Peninsula Campground
<input type="checkbox"/> Folsom Point Day Use Area &/or Boat Ramp	<input type="checkbox"/> Rattlesnake Bar
<input type="checkbox"/> Folsom Powerhouse State Historic Park	<input type="checkbox"/> Skunk Hollow/Salmon Falls
<input type="checkbox"/> Granite Bay Beach &/or Boat Ramps	<input type="checkbox"/> Willow Creek
<input type="checkbox"/> Lake Overlook	<input type="checkbox"/> Paved Bike Path
<input type="checkbox"/> Nimbus Flat	<input type="checkbox"/> Dirt Multi-Use Trails
<input type="checkbox"/> Negro Bar	<input type="checkbox"/> Pedestrian/Equestrian Trails
<input type="checkbox"/> North Granite (Beeks/Dotons/Oak Beach)	<input type="checkbox"/> Other (specify)

Q9. Are you recreating alone, with friends and/or family, or some type of organized group (sports team, civic group, church, scouts, school, work, etc.)?

- Alone
- Family and/or Friends
- Organized Group
- Other (specify) _____

Q10. How would you rate each of the following recreation facilities and services at Folsom Lake State Recreation Area including Lake Natoma? Please indicate if they are very adequate, somewhat adequate, somewhat inadequate, or very inadequate.

Types of Facilities and Services	Very Adequate	Somewhat Adequate	Somewhat Inadequate	Very Inadequate	Doesn't Apply/No Opinion
Frequency of enforcement patrols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety of areas and facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of campground hosts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of education/interpretive programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of restroom facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restroom maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of unpaved bike trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of hiking trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of paved bike trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of equestrian trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trail maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of campgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of campsites with RV hookups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of group campsites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Screening between campsites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of shower facilities at campgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance of campsites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of boat ramps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of docks or temporary moorage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance of boating facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of marinas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of fish cleaning stations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of individual picnic sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of group picnic sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance of picnic sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of swimming areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance of swimming areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q11. How would you rate your **interactions with park staff** at Folsom Lake State Recreation Area including Lake Natoma?

- Very positive
- Somewhat positive
- Neutral
- Somewhat negative
- Very negative
- Did not interact with staff

Q12. For each of the following park and recreation facilities and services, please assign a priority score for possible improvements at Folsom Lake State Recreation Area including Lake Natoma. Please circle your priority with 1 being extremely low priority and 10 being an extremely high priority.

	Low Priority					High Priority				
	1	2	3	4	5	6	7	8	9	10
Providing more educational programs and services.	1	2	3	4	5	6	7	8	9	10
Constructing more basic campgrounds with picnic tables, cold water, and pit toilets.	1	2	3	4	5	6	7	8	9	10
Constructing more developed campgrounds with flush toilets, hot showers and food lockers	1	2	3	4	5	6	7	8	9	10
Constructing RV campgrounds with electrical and water hookups, sewer dump stations, and pull-through sites.	1	2	3	4	5	6	7	8	9	10
Providing sheltered lodging facilities such as rustic cabins, tent cabins, etc.	1	2	3	4	5	6	7	8	9	10
Increasing the presence of uniformed law enforcement personnel.	1	2	3	4	5	6	7	8	9	10
Developing more multi-use, non-motorized trails for horseback riding, hiking and/or mountain biking.	1	2	3	4	5	6	7	8	9	10
Providing more group picnic sites that accommodate large families or groups of 20 or more persons	1	2	3	4	5	6	7	8	9	10
Increasing parking at day use picnic sites.	1	2	3	4	5	6	7	8	9	10
Providing more boat launching facilities	1	2	3	4	5	6	7	8	9	10
Providing a second marina	1	2	3	4	5	6	7	8	9	10
Constructing a visitor center	1	2	3	4	5	6	7	8	9	10

These last few questions are for classification purposes only. Your responses will remain anonymous and will be combined with responses of other survey participants for reporting as averages.

Q13. What is the zip code at your home?

Q14. What is your gender? Male Female

Q15. What is the highest grade level of education you have completed?

<input type="checkbox"/> Did not graduate high school	<input type="checkbox"/> Bachelor’s degree
<input type="checkbox"/> High school graduate	<input type="checkbox"/> Master’s degree
<input type="checkbox"/> Some college but no degree	<input type="checkbox"/> Professional degree
<input type="checkbox"/> Associate degree	<input type="checkbox"/> Doctorate degree

Q16. In what year were you born?

Q17. Please list the age of each person who lives in your household beginning with the oldest and ending with the youngest.

Q18. Which of the following racial or ethnic backgrounds best describes your household?

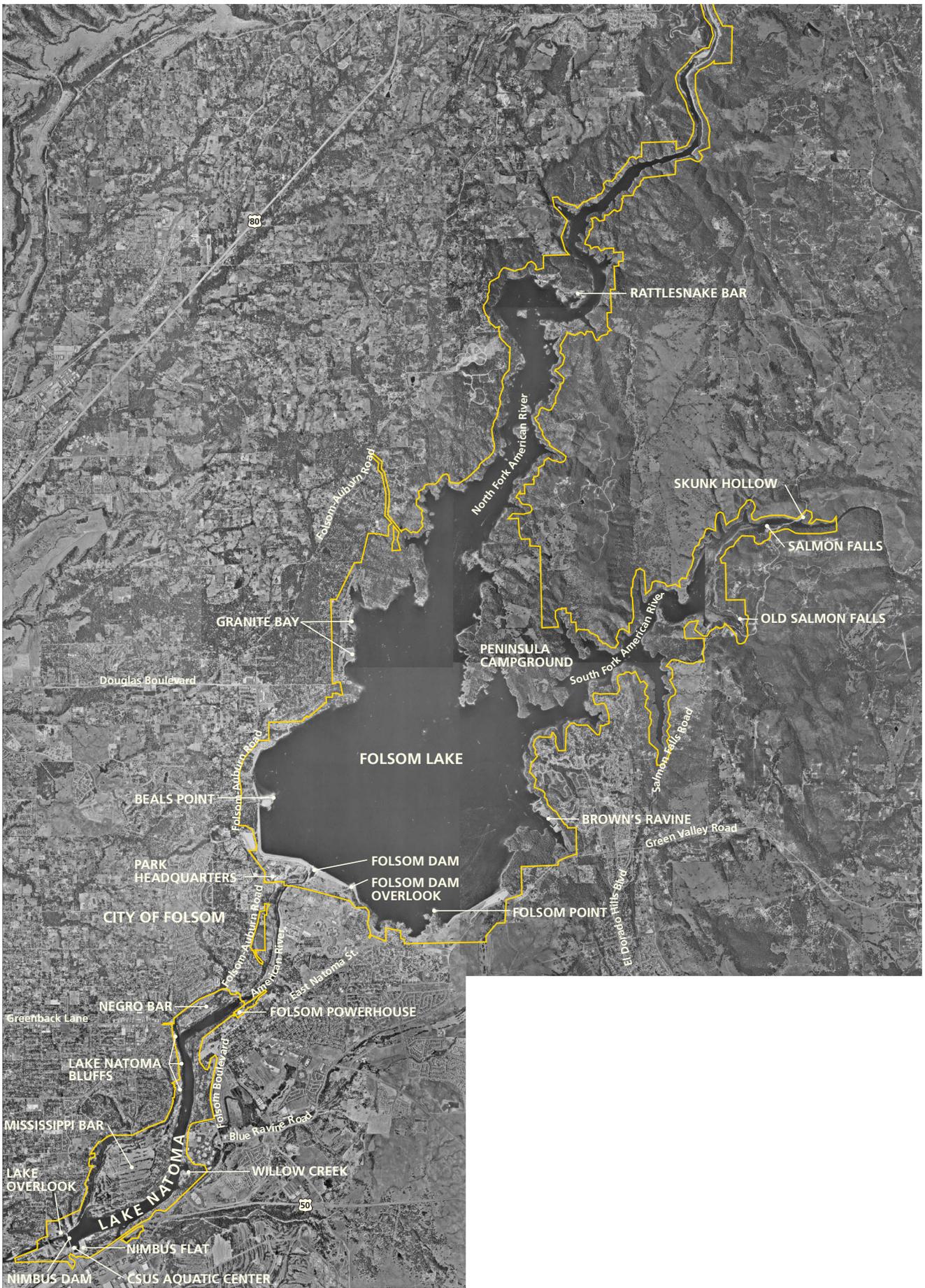
- Hispanic or Latino of Mexican descent
- Other Hispanic or Latino, e.g., Guatemalan
- White
- Black or African American
- Asian
- Native Hawaiian or other Pacific Islander
- American Indian or Alaska Native
- Some other race
- Mixed race

Q19. Which of the following categories best describes your total annual household income. That is the total combined incomes for all members of your household before taxes?

- Under \$20,000
- \$20,000 to \$34,999
- \$35,000 to \$49,999
- \$50,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 to \$149,999
- \$150,000 to \$199,999
- \$200,000 or more

Q20. Finally, please use the space below for any comments you may have about outdoor recreation areas and facilities at Folsom Lake State Recreation Area including Lake Natoma. Please use the back of this page if you need more space. Thank you for your assistance.

Thank you for your time and participation in the survey. Please return your completed questionnaire to the interviewer who gave it to you.



FOLSOM LAKE STATE RECREATION AREA
 GENERAL PLAN & RESOURCE MANAGEMENT PLAN UPDATE

RECREATION AREAS



Prepared by:
 Wallace Roberts & Todd, LLC

A Partnership between the
 California Department of Parks & Recreation
 and Federal Bureau of Reclamation

⌚ Not to Scale

May 2003

APPENDIX B

Folsom Lake State Recreation Area Telephone Survey Instrument

**Folsom Lake State Recreation Area
Telephone Survey Instrument 11/19/03**

HELLO. This is _____ and I'm calling for the California Department of Parks and Recreation. Have I reached [READ RESPONDENT'S TELEPHONE NUMBER]?

- CONTINUE
- TERMINATE

SELSUBJ May I speak to the person who had the most recent birthday who is 18 years of age or older?

- YES [SKIP TO SINTRO2]
- NO [go to CALLBAK1]

CALLBAK1 Can you suggest a better time to call back and reach that person?

SINTRO2 I'm calling on behalf of the Gold Fields District of the California Department of Parks and Recreation to ask for your participation in a survey about outdoor recreation. It will take about 12 to 15 minutes to complete. You are not required to answer any question you do not wish to answer, and your responses will remain completely anonymous and confidential. If it is all right with you, I would like to ask you the survey questions now.

- YES [SKIP TO Q1]
- This is not a good time for me. [go to CALLBAK2]
- NO [SKIP TO CONCLUD]

CALLBAK2 Can you suggest a better time for us to call you back?

Q1. I'd like to begin by asking how important **public outdoor recreation areas and facilities** are to you and your family? That is, recreation areas and facilities managed by any government agency – city, county, state and federal. Would you say they are...

- Not at all important,
- Somewhat important,
- Important, or
- Very important?
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q2. In general, do you spend more time, about the same amount of time or less time in outdoor recreation activities now than you did 5 years ago?

- MORE TIME
- ABOUT THE SAME
- LESS TIME
- DON'T KNOW/ NO RESPONSE
- REFUSED

These next few questions focus on your recreation participation on or near water.

Q3. In the past five years have you participated in outdoor recreation on or near water such as a lake, reservoir or river? (swimming, hiking, bicycling, camping, water skiing, fishing, boating, picnicking)

- Yes
- No [skip to **Demographics**]
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q4. What is the name of the lake, river or other water area **where you most often participate** in outdoor recreation on or near water?

- Folsom Lake
- Lake Natoma
- Lake Oroville
- Lake Berryessa
- Clear Lake
- Lake Tahoe
- Sacramento Delta
- Sacramento River
- American River
- Feather River
- San Francisco Bay
- Lake Shasta
- North Coast(Monterey Bay to Oregon)
- South Coast(Pacific Grove to Mexico)
- Russian River
- Yosemite
- Out of state or out of country

- Other _____[specify]
- DON'T KNOW/ NO RESPONSE [skip to Q6]
- REFUSED [skip to Q6]

Q5. What is the **name of your favorite lake, river or other water area** where you participate in outdoor recreation on or near water, such as a lake or river?

- Folsom Lake
- Lake Natoma
- Lake Oroville
- Lake Berryessa
- Clear Lake
- Lake Tahoe
- Sacramento Delta
- Sacramento River
- American River
- Feather River
- San Francisco Bay
- Lake Shasta
- North Coast(Monterey Bay to Oregon)
- South Coast(Pacific Grove to Mexico)
- Russian River
- Yosemite
- Out of state or out of country

- Other _____[specify]
- DON'T KNOW/ NO RESPONSE
- REFUSED

The next few questions focus on outdoor recreation at Folsom Lake State Recreation Area. Please keep in mind that Folsom Lake State Recreation Area includes Lake Natoma.

Q6. Have you ever visited Folsom Lake State Recreation Area including Lake Natoma?

- Yes [go to Q7]
- No [skip to Q33]
- DON'T KNOW/ NO RESPONSE [skip to Q33]
- REFUSED [skip to Q33]

Q7. To the best of your recollection, which of the following areas have you visited at Folsom Lake State Recreation Area? (Check all that apply.)

- Beal's Point Campground &/or Day Use Area
- Brown's Ravine/Folsom Lake Marina
- Folsom Point Day Use Area &/or Boat Ramp
- Folsom Powerhouse State Historic Park
- Granite Bay Beach &/or Boat Ramps
- Lake Overlook
- Nimbus Flat
- Negro Bar
- North Granite (Beeks/Dotons/Oak Beach)
- Old Salmon Falls
- Peninsula Campground
- Rattlesnake Bar
- Skunk Hollow/Salmon Falls
- Willow Creek
- Brown's Ravine Trail to Old Salmon Falls
- Paved Bike Path
- Dirt Multi-Use Trails
- Pedestrian/Equestrian Trails
- Other [specify]_____

Q8. About how many visits did you make to Folsom Lake State Recreation Area during the past 12 months?

- _____ [specify]
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q9. During a typical visit, approximately how many days and hours do you stay at Folsom Lake State Recreation Area?

Hours _____ [specify]

Days _____ [specify]

Q10. When you participate in outdoor recreation at Folsom Lake State Recreation Area, do you typically recreate alone, with friends and/or family, or some type of organized group (sports team, civic group, church, scouts, school, work, etc.)?

- Alone
- Family and/or Friends
- Organized Group
- Other (specify) _____

Q11. During the past 12 months, which months did you visit Folsom Lake State Recreation Area? (Check all that apply.)

- | | | | |
|-----------------------------------|--------------------------------|------------------------------------|-----------------------------------|
| <input type="checkbox"/> January | <input type="checkbox"/> April | <input type="checkbox"/> July | <input type="checkbox"/> October |
| <input type="checkbox"/> February | <input type="checkbox"/> May | <input type="checkbox"/> August | <input type="checkbox"/> November |
| <input type="checkbox"/> March | <input type="checkbox"/> June | <input type="checkbox"/> September | <input type="checkbox"/> December |

Q12. Now, I'm going to read you a list of facilities and services at Folsom Lake State Recreation Area. I'd like you to tell me if each facility is very inadequate, somewhat inadequate, somewhat adequate, or very adequate. I'd like to begin with enforcement patrols. Did you find the frequency of enforcement patrols to be very inadequate, somewhat inadequate, somewhat adequate, or very adequate?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q13. What about safety of areas and facilities at Folsom Lake State Recreation Area? Would you say that safety is very inadequate, somewhat inadequate, somewhat adequate, or very adequate?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q14. The number of campground hosts?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q15. How about the number of education/interpretive programs?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q16. The number of restroom facilities at Folsom Lake State Recreation Area?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q17. What about restroom maintenance?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q18. The number of unpaved trails at Folsom Lake State Recreation Area?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q19. How about the number of paved trails at Folsom Lake State Recreation Area?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q20. Trail maintenance?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q21. The number of campgrounds at Folsom Lake State Recreation Area?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q22. What about the number of campsites with RV hookups?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q23. The number of group campsites at Folsom Lake State Recreation Area?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q24. The number of shower facilities in campgrounds?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q25. How about maintenance of campsites?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q26. The number of boat ramps?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q27. What about the number of docks or temporary moorage?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q28. The number of marinas?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q29. How about the number of individual picnic sites?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q30. The number of group picnic sites?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q31. Adequacy of maintenance of picnic sites?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q32. The number of swimming areas at Folsom Lake State Recreation Area?

- Very inadequate
- Somewhat inadequate
- Somewhat adequate
- Very adequate
- DON'T KNOW/ NO RESPONSE
- REFUSED

(Skip to Q55)

These next few questions ask about possible barriers to people using outdoor recreation areas and facilities at Folsom Lake State Recreation Area. Please tell me if you strongly disagree, moderately disagree, moderately agree, or strongly agree with each statement.

Q33. Folsom Lake State Recreation area doesn't offer the kinds of recreation that are interesting to me.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q34. I do not feel safe using outdoor recreation areas and facilities at Folsom Lake State Recreation Area.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q35. Folsom Lake State Recreation Area is too far from where I live.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q36. It takes too long to get to Folsom Lake State Recreation Area.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q37. Facilities are poorly maintained.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q38. Facilities are unclean.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q39. Facilities are too crowded.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q40. Facilities are too expensive.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q41. Rowdy undesirable people go to Folsom Lake State Recreation Area.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q42. The staff is unfriendly or unhelpful.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q43. I don't know anything about the facilities or the lake.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q44. I no longer go out or travel, or don't get around much anymore.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q45. I don't have the time or I'm too busy.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q46. I prefer to go some other place to recreate.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q47. I do not like the physical environment at Folsom Lake State Recreation Area.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q48. My friends don't go to Folsom Lake State Recreation Area/ I have no one to go with/ I am never invited.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q49. More outdoor recreation areas are needed for camping or overnight use.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q50. More outdoor recreation facilities for day use, such as picnic areas and beaches, are needed.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q51. Outdoor recreation areas and facilities are too crowded when I want to use them.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q52. Better enforcement of rules and regulations is needed at Folsom Lake State Recreation Area.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q53. More developed campgrounds with hot showers and electrical and water hook-ups are needed.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Q54. Private businesses should provide some of the outdoor recreation services at Folsom Lake State Recreation Area.

- Strongly disagree
- Moderately disagree
- Moderately agree
- Strongly agree
- DON'T KNOW/ NO RESPONSE
- REFUSED

Participation in Outdoor Recreation

Q55. Now, I'm going to read you a list of outdoor recreation activities. Please tell me if you have participated in each activity during the past 12 months, and for those in which you have participated, please give your best estimate of the total number of days that you participated in that activity *during the last 12 months*. Include even those days when you did the activity for only a short period of time.

For this question, include ALL of your outdoor recreation activities that took place at PRIVATE and PUBLIC facilities.

	<u>Number of Days</u>
01 Walking for fitness and fun.....	_____
02 Walking a pet.....	_____
03 Trail Hiking.....	_____
04 Jogging and fitness running.....	_____
05 Bicycling on paved surfaces.....	_____
06 Bicycling on unpaved surfaces and trails, mountain biking.....	_____
07 Driving for pleasure, sightseeing, driving through natural scenery.....	_____
08 Picnicking in developed sites.....	_____
09 Backpack camping.....	_____
10 Camping at a primitive site without facilities.....	_____
11 Camping in developed sites with facilities such as toilets and tables.....	_____
12 Camping in trailer or RV sites with hookups.....	_____
13 Wildlife viewing, bird watching, viewing natural scenery.....	_____

14	Gathering mushrooms, berries or other natural products	_____
15	Using open turf areas (casual and unstructured activities-games, relax, sunning, etc.).....	_____
16	Using play equipment, tot-lots	_____
17	Skateboarding.....	_____
18	In-line skating	_____
19	Horseback riding, horse shows and events.....	_____
20	Beach activities (including sun bathing).....	_____
21	Swimming	_____
22	Motor boating.....	_____
23	Using personal watercraft	_____
24	Water Skiing	_____
25	Wakeboarding	_____
26	Sailboating.....	_____
27	Windsurfing	_____
28	Whitewater rafting, kayaking, or canoeing	_____
29	Flatwater kayaking or canoeing	_____
30	Rowing (shells, sculls, or other flatwater rowing or rafting)	_____
31	Fishing – freshwater.....	_____
32	Off-road vehicle use – four-wheel drive.....	_____
33	Attending outdoor cultural events (festivals, fairs, concerts, historical reenactments, outdoor theater)	_____
34	Visiting historic or cultural sites, museums.....	_____
35	Rock climbing/bouldering.....	_____
36	Orienteering/geo-caching	_____
37	Other	_____

Demographics

These last few questions are for classification purposes only. Your responses will remain anonymous and will be combined with responses of other survey participants for reporting as averages.

Q56. I'd like to begin by asking about the highest grade level of education you have completed? Please stop me when I read the category that best describes your highest level of education.

- | | |
|---|--|
| <input type="checkbox"/> Did not graduate high school | <input type="checkbox"/> Bachelor's degree |
| <input type="checkbox"/> High school graduate | <input type="checkbox"/> Master's degree |
| <input type="checkbox"/> Some college but no degree | <input type="checkbox"/> Professional degree |
| <input type="checkbox"/> Associate degree | <input type="checkbox"/> Doctorate degree |

Q57. In what year were you born? _____ [specify]

- REFUSED

Q58. What is the zip code at your home? _____ [specify]

- REFUSED

Q59. Including yourself, how many persons live in your household?

_____ [specify]

- REFUSED

Q60. How many of those persons are under age 18?

_____ [specify]

- REFUSED

Q61. Which of the following racial or ethnic background best describes your household?

- Hispanic or Latino of Mexican descent
- Other Hispanic or Latino, e.g., Guatemalan
- White
- Black or African American
- Asian
- Native Hawaiian or other Pacific Islander
- American Indian or Alaska Native
- Some other race
- Mixed race
- Refused

Q62. Which of the following categories best describes your total annual household income? That is the total combined incomes for all members of your household before taxes? Please stop me when I read the correct category.

- | | |
|---|---|
| <input type="checkbox"/> Under \$20,000 | <input type="checkbox"/> \$75,000 to \$99,999 |
| <input type="checkbox"/> \$20,000 to \$34,999 | <input type="checkbox"/> \$100,000 to \$149,999 |
| <input type="checkbox"/> \$35,000 to \$49,999 | <input type="checkbox"/> \$150,000 to \$199,999 |
| <input type="checkbox"/> \$50,000 to \$74,999 | <input type="checkbox"/> \$200,000 or more |

CONCLUD That concludes our survey. Thank you very much for your time and cooperation!

GEN. INTERVIEWER CODE GENDER

Male

Female

APPENDIX C

Home Zip Codes of Survey Respondents

Table A1. Home zip codes of recreation visitors surveyed at Folsom Lake State Recreation Area including Lake Natoma - 2003.

Home Zip Codes	Number	Percent	Cumulative Percent
10019	2	.2	.2
12205	1	.1	.2
22026	1	.1	.3
22207	1	.1	.4
44060	1	.1	.5
53217	1	.1	.6
56731	1	.1	.6
72756	2	.2	.8
75126	1	.1	.9
85614	1	.1	1.0
85765	1	.1	1.1
85911	1	.1	1.1
87111	2	.2	1.3
89433	2	.2	1.5
89445	1	.1	1.5
89451	1	.1	1.6
89509	2	.2	1.8
90019	1	.1	1.9
90024	1	.1	1.9
90036	1	.1	2.0
90045	1	.1	2.1
90291	1	.1	2.2
90403	1	.1	2.3
90405	2	.2	2.4
90602	1	.1	2.5
91230	1	.1	2.6
91361	1	.1	2.7
91364	2	.2	2.8
91672	1	.1	2.9
91701	3	.2	3.2
91722	1	.1	3.2
91723	1	.1	3.3
91740	1	.1	3.4
91745	1	.1	3.5
91748	1	.1	3.6
91784	1	.1	3.6
91790	1	.1	3.7
92026	1	.1	3.8
92382	1	.1	3.9
92555	2	.2	4.0
92603	1	.1	4.1
93101	1	.1	4.2
93536	1	.1	4.3
93555	1	.1	4.4

Home Zip Codes	Number	Percent	Cumulative Percent
93661	1	.1	4.4
94002	2	.2	4.6
94005	2	.2	4.8
94014	1	.1	4.9
94022	2	.2	5.0
94024	1	.1	5.1
94038	1	.1	5.2
94061	2	.2	5.3
94066	1	.1	5.4
94070	2	.2	5.6
94086	2	.2	5.7
94087	1	.1	5.8
94110	2	.2	6.0
94111	1	.1	6.1
94112	2	.2	6.2
94114	2	.2	6.4
94115	1	.1	6.5
94116	1	.1	6.6
94117	1	.1	6.6
94118	1	.1	6.7
94304	1	.1	6.8
94402	1	.1	6.9
94403	2	.2	7.0
94404	1	.1	7.1
94501	2	.2	7.3
94502	1	.1	7.4
94510	2	.2	7.5
94520	1	.1	7.6
94521	2	.2	7.8
94523	1	.1	7.8
94531	1	.1	7.9
94535	1	.1	8.0
94536	1	.1	8.1
94539	2	.2	8.3
94541	4	.3	8.6
94549	1	.1	8.7
94550	1	.1	8.7
94552	1	.1	8.8
94556	1	.1	8.9
94559	1	.1	9.0
94564	1	.1	9.1
94565	1	.1	9.1
94566	1	.1	9.2
94578	1	.1	9.3
94583	1	.1	9.4

Home Zip Codes	Number	Percent	Cumulative Percent
94587	1	.1	9.5
94589	1	.1	9.5
94591	1	.1	9.6
94595	1	.1	9.7
94596	2	.2	9.9
94605	1	.1	10.0
94606	1	.1	10.0
94607	1	.1	10.1
94610	1	.1	10.2
94611	2	.2	10.4
94618	2	.2	10.5
94621	1	.1	10.6
94704	1	.1	10.7
94705	1	.1	10.8
94707	2	.2	10.9
94708	1	.1	11.0
94710	1	.1	11.1
94805	2	.2	11.2
94941	1	.1	11.3
94952	2	.2	11.5
94965	1	.1	11.6
95008	2	.2	11.7
95010	1	.1	11.8
95014	3	.2	12.1
95023	1	.1	12.1
95033	1	.1	12.2
95035	4	.3	12.5
95037	1	.1	12.6
95050	1	.1	12.7
95053	1	.1	12.8
95054	2	.2	12.9
95066	1	.1	13.0
95070	1	.1	13.1
95110	1	.1	13.2
95111	1	.1	13.3
95112	2	.2	13.4
95116	1	.1	13.5
95117	1	.1	13.6
95118	2	.2	13.8
95120	2	.2	13.9
95121	1	.1	14.0
95123	1	.1	14.1
95125	2	.2	14.2
95126	1	.1	14.3
95128	2	.2	14.5

Home Zip Codes	Number	Percent	Cumulative Percent
95129	2	.2	14.6
95133	1	.1	14.7
95136	2	.2	14.9
95138	2	.2	15.0
95162	1	.1	15.1
95202	1	.1	15.2
95206	1	.1	15.3
95207	2	.2	15.5
95208	1	.1	15.5
95209	1	.1	15.6
95212	1	.1	15.7
95240	2	.2	15.9
95249	1	.1	15.9
95267	1	.1	16.0
95286	1	.1	16.1
95326	1	.1	16.2
95330	1	.1	16.3
95336	2	.2	16.4
95337	1	.1	16.5
95370	1	.1	16.6
95403	1	.1	16.7
95472	1	.1	16.7
95474	1	.1	16.8
95602	6	.5	17.3
95603	17	1.4	18.7
95604	2	.2	18.9
95605	4	.3	19.2
95608	23	1.9	21.0
95609	2	.2	21.2
95610	31	2.5	23.7
95611	1	.1	23.8
95613	2	.2	23.9
95614	2	.2	24.1
95616	19	1.5	25.6
95618	2	.2	25.8
95619	2	.2	26.0
95620	2	.2	26.1
95621	22	1.8	27.9
95623	2	.2	28.1
95624	15	1.2	29.3
95626	2	.2	29.4
95628	42	3.4	32.8
95630	135	10.9	43.8
95631	1	.1	43.9
95632	1	.1	43.9

Home Zip Codes	Number	Percent	Cumulative Percent
95633	5	.4	44.3
95634	5	.4	44.7
95641	1	.1	44.8
95643	1	.1	44.9
95647	1	.1	45.0
95648	8	.6	45.6
95650	27	2.2	47.8
95651	3	.2	48.1
95652	1	.1	48.1
95655	3	.2	48.4
95657	1	.1	48.5
95658	13	1.1	49.5
95660	7	.6	50.1
95661	15	1.2	51.3
95662	45	3.6	54.9
95663	3	.2	55.2
95664	6	.5	55.7
95666	2	.2	55.8
95667	19	1.5	57.4
95668	3	.2	57.6
95669	1	.1	57.7
95670	41	3.3	61.0
95672	4	.3	61.3
95673	2	.2	61.5
95677	14	1.1	62.6
95678	17	1.4	64.0
95682	30	2.4	66.4
95688	1	.1	66.5
95691	7	.6	67.1
95692	1	.1	67.2
95693	1	.1	67.2
95695	4	.3	67.6
95703	1	.1	67.6
95713	1	.1	67.7
95740	1	.1	67.8
95742	1	.1	67.9
95745	1	.1	68.0
95746	50	4.0	72.0
95747	15	1.2	73.2
95758	14	1.1	74.4
95762	77	6.2	80.6
95765	16	1.3	81.9
95767	2	.2	82.0
95769	1	.1	82.1
95776	2	.2	82.3

Home Zip Codes	Number	Percent	Cumulative Percent
95804	1	.1	82.4
95806	1	.1	82.4
95814	7	.6	83.0
95815	3	.2	83.3
95816	10	.8	84.1
95817	7	.6	84.6
95818	5	.4	85.0
95819	4	.3	85.4
95820	7	.6	85.9
95821	19	1.5	87.5
95822	3	.2	87.7
95823	5	.4	88.1
95824	4	.3	88.4
95825	6	.5	88.9
95826	12	1.0	89.9
95827	10	.8	90.7
95828	15	1.2	91.9
95829	4	.3	92.2
95831	7	.6	92.8
95832	1	.1	92.9
95833	11	.9	93.8
95834	1	.1	93.9
95835	3	.2	94.1
95838	2	.2	94.3
95841	16	1.3	95.6
95842	7	.6	96.1
95843	14	1.1	97.2
95846	1	.1	97.3
95864	12	1.0	98.3
95893	2	.2	98.5
95903	1	.1	98.5
95928	1	.1	98.6
95946	1	.1	98.7
95949	1	.1	98.8
95959	1	.1	98.9
95963	1	.1	98.9
95991	1	.1	99.0
96022	1	.1	99.1
96126	1	.1	99.2
96161	1	.1	99.3
96301	1	.1	99.4
97141	2	.2	99.5
97351	1	.1	99.6
97408	1	.1	99.7
97415	1	.1	99.8

Home Zip Codes	Number	Percent	Cumulative Percent
97477	1	.1	99.8
98004	1	.1	99.9
98816	1	.1	100.0
Total Valid	1236	100.0	
Missing	72		
TOTAL	1308		